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RELATION OF WAGES

TO THE

COST OF PRODUCTION.

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RELATION OF WAGES

TO THE

COST OF PRODUCTION.

RELATION OF WAGES TO THE COST OF PRODUCTION.

Production involves two elements, Labor and Capital. In the discussion of economic questions relating to production, evidence respecting the labor element, including under that head wages and labor cost, is always of value. The part which such evidence plays in the solution of certain practical problems is unquestioned. The proper adjustment of a protective tariff cannot be made without this evidence, nor can controversies between labor and capital be rightly settled without reference to it.

Two lines of inquiry present themselves. First, the determination of the share of product which falls to labor in distinction from the share retained by capital; and, second, the relation which labor cost bears to the total cost of the product, as shown by the proportion which wages bear to the other elements of cost. The first inquiry would involve the question of profits, and would take, as its basis, the selling price of the product, separating this price into the various factors which compose it; such, for instance, as wages (labor's share) and profits and interest (capital's share). The second phase of the subject deals only with the actual cost to the manufacturer, eliminates profits, and determines what part of that cost is due to labor, represented by wages, and what to raw material and other necessary expenses. These two phases of the subject involve different and entirely distinct problems. In fact, one line of investigation concerns the distribution of

wealth, while the other deals entirely with its production. It is with the second and simpler investigation, which properly precedes the other, that the present Part deals. The question it asks and answers, in 1,615 specified instances, is, What relation does the cost of labor bear to the cost of the product, as it lies completed in the manufacturer's hands? From the manufacturer's stand-point the inquiry relates to outlay, not to income; that is, it does not deal with profits. From the workman's stand-point it determines the share he has contributed to the product, and for which he has been remunerated in the form of wages.

The material collected by the Bureau, upon which the present Part rests, is from original sources, and in the form of distinct and complete returns from 1,615 different manufacturing establishments in the Commonwealth. It is not only entirely reliable, but it is new, the field having never till now been covered by any extended investigation.

In the tables certain selected articles of manufacture, under each classified head, are presented, the total cost of producing a specified quantity being given by percentages showing the proportionate expenses for wages, raw material, and for expenses not specified. By the latter item is meant any expenses not properly included under the head of wages, as, for instance, rent, taxes, insurance, etc. Each article is followed by a similar presentation for the establishment in which it was made, showing the expense of production of all articles made in the establishment upon the same basis as that used in giving the cost of the selected article. In a few cases, obvious upon an inspection of the tables, the item "expenses not specified" has been included in the item "raw materials" in the returns, giving, in such cases, only two divisions of cost, namely, wages and raw material. The tables are followed by an analysis of results.

AGRICULTURAL IMPLEMENTS.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Hay cutters,	one hundred	25.00	75.00	–
The establishment,		59.80	27.78	12.42
Horse-powers,	one machine	50.00	50.00	–
The establishment,		56.98	35.61	7.41
Plows,	one hundred	40.69	59.31	–
The establishment,		50.72	33.87	15.41
Scythe sticks,	one hundred	26.92	61.54	11.54
The establishment,		33.90	66.10	–
Shovels,	one dozen	33.05	49.46	17.49
The establishment,		29 22	59.61	11.17

ARMS AND AMMUNITION.

Blasting powder,	twenty-two hundred kegs	36.00	64.00	–
The establishment,		35.02	62.26	2.72
Gun nipples,	one gross	90.29	9.71	–
The establishment,		86.13	11.48	2.39
Gunpowder,	one hundred pounds	13.33	70.00	16.67
The establishment,		18.40	81.60	–
Gunpowder,	twenty-five hundred pounds	18.08	58.00	23.92
The establishment,		18.61	66.17	15.22
Pistols,	one	50.00	25.00	25.00
The establishment,		39.11	53.60	7.29
Rifles,	one	68.00	32.00	–
The establishment,		54.84	29.70	15.46

ARTIFICIAL TEETH AND DENTAL WORK.

Artificial teeth,		50.00	50.00	–
The establishment,		25.87	53.48	20.65
Artificial teeth,	one set	70.00	30.00	–
The establishment,		–	100.00	–
Artificial teeth,	one set	62.50	37.50	–
The establishment,		–	100.00	–

ARTISANS' TOOLS.

Awls,	one thousand	68.75	31.25	–
The establishment,		59.78	40.22	–
Axes,	one dozen	34.78	52.18	13.04
The establishment,		41.53	52.08	6.39
Bit braces,	one	46.00	34.00	20.00
The establishment,		51.27	36.33	12.40
Bits,	one gross	55.56	44.44	–
The establishment,		48.99	47.41	3.60
Bits (¾ inch),	one hundred	89.58	10.42	–
The establishment,		56.25	39.06	4.69
Calking tools,	one dozen	68.75	31.25	–
The establishment,		69.23	20.61	10.16
Chisels,	one dozen	50.00	50.00	–
The establishment,		48.84	12.48	38.68
Cutting dies,	one hundred	66.67	33.33	–
The establishment,		69.51	30.49	–

ARTISANS' TOOLS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Engine lathes and planes,	ninety-five	51.43	23.62	24.95
The establishment,		68.18	31.31	0.51
Files,	one dozen	52.00	37.20	10.80
The establishment,		77.88	14.33	7.79
Files,	one gross	53.85	46.15	–
The establishment,		38.79	14.81	46.40
Files and rasps,	one dozen	61.57	38.43	–
The establishment,		53.90	23.54	22.56
Jack planes,	one hundred	52.50	47.50	–
The establishment,		74.96	22.79	2.25
Lathes,	twenty	56.65	30.59	12.76
The establishment,		47.21	32.09	20.70
Machine knives,	one hundred feet	41.67	52.08	6.25
The establishment,		43.42	42.38	14.20
Peg cutters,	one dozen	40.91	36.36	22.73
The establishment,		67.08	27.32	5.60
Saws,	one hundred dozen	60.00	40.00	–
The establishment,		38.48	43.19	18.33
Saw swages,	one hundred	75.00	25.00	–
The establishment,		80.83	19.17	–
Screw wrenches,	one thousand	45.34	39.38	15.28
The establishment,		51.26	37.76	10.98
Screw wrenches,	twelve thousand	66.67	29.89	3.44
The establishment,		52.60	38.82	8.58
Sewing awls,	one thousand	91.47	8.53	–
The establishment,		63.84	22.81	13.35
Shoe knives,	one hundred dozen	75.00	18.75	6.25
The establishment,		80.32	19.68	–
Shoe knives,	one gross	57.14	20.19	22.67
The establishment,		59.69	36.33	3.98
Spirit levels,	one hundred	62.50	32.14	5.36
The establishment,		33.33	60.85	5.82
Tanner's fleshers,	one dozen	36.84	63.16	–
The establishment,		36.27	36.88	26.85
Wrenches,	one hundred	50.73	37.68	11.59
The establishment,		50.14	29.08	20.78

BOOTS AND SHOES.

Boot and shoe stitching,	sixty pairs	86.67	13.33	–
The establishment,		80.77	10.26	8.97
Boots,	one pair	42.94	57.06	–
The establishment,		42.28	55.98	1.74
Boots,	ten pairs	38.46	61.54	–
The establishment,		–	82.68	17.32
Boots,	twelve pairs	21.33	74.84	3.83
The establishment,		16.72	80.82	2.46
Boots,	twelve pairs	30.00	70.00	–
The establishment,		25.28	74.72	–
Boots,	twelve pairs	24.14	75.86	–
The establishment,		24.95	73.94	1.11
Boots,	one case	44.44	55.56	–
The establishment,		62.10	25.74	12.16
Boots,	one case	45.00	55.00	–
The establishment,		48.82	50.98	0.20
Boots,	one case	27.77	72.23	–
The establishment,		27.78	72.22	–

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Boots,	one case	33.35	66.65	–
The establishment,		29.19	70.06	0.75
Boots,	one case	27.27	54.55	18.18
The establishment,		25.28	72.78	1.94
Boots,	one case	22.22	66.67	11.11
The establishment,		23.16	75.67	1.17
Boots,	one case	29.00	71.00	–
The establishment,		23.38	76.62	–
Boots,	ten cases	31.20	66.80	2.00
The establishment,		14.72	82.88	2.40
Boots,	one hundred cases	22.73	72.73	4.54
The establishment,		24.55	67.40	8.05
Boots,	five thousand cases	22.22	77.78	–
The establishment,		21.86	76.52	1.62
Boots,	ten thousand, seven hundred and twenty cases	26.47	73.53	–
The establishment,		26.13	72.59	1.28
Boots, balmoral (button, calf, men's)	twelve pairs	25.00	69.90	5.10
The establishment,		27.10	68.61	4.29
Boots, balmoral (English, men's)	two hundred cases	25.00	75.00	–
The establishment,		24.96	74.94	0.10
Boots, balmoral (grain, women's)	sixty pairs	31.32	68.68	–
The establishment,		25.88	71.55	2.57
Boots, buff (men's)	twenty-four pairs	33.82	66.18	–
The establishment,		28.20	71.11	0.69
Boots, button	seventy-two pairs	33.95	64.82	1.23
The establishment,		40.44	57.67	1.89
Boots, button (calf)	twenty-four pairs	32.90	59.21	7.89
The establishment,		46.15	47.72	6.13
Boots, button (calf, men's)	twelve pairs	34.21	65.79	–
The establishment,		30.70	66.49	2.81
Boots, button (children's)	sixty pairs	31.11	62.22	6.67
The establishment,		23.68	76.25	0.07
Boots, button (children's)	seventy-two pairs	52.63	47.37	–
The establishment,		52.62	46.78	0.60
Boots, button (children's)	seventy-two pairs	31.67	68.33	–
The establishment,		20.21	77.27	2.52
Boots, button (Dongola, women's)	thirty-six pairs	40.00	60.00	–
The establishment,		22.79	74.07	3.14
Boots, button (glove foxed, women's)	sixty pairs	31.58	68.42	–
The establishment,		7.43	89.25	3.32
Boots, button (glove grain, women's)	sixty pairs	35.19	64.81	–
The establishment,		25.49	72.17	2.34
Boots, button (glove grain, women's)	sixty pairs	21.18	42.35	36.47
The establishment,		6.42	91.79	1.79
Boots, button (glove top and foxed kid, women's)	sixty pairs	41.67	58.33	–
The establishment,		10.87	87.93	1.20
Boots, button (goat, women's)	sixty pairs	34.97	65.03	–
The establishment,		14.83	83.76	1.41
Boots, button (grain)	one pair	33.68	63.16	3.16
The establishment,		17.66	77.70	4.64
Boots, button (grain)	one pair	27.78	72.22	–
The establishment,		32.28	66.50	1.22
Boots, button (grain)	sixty pairs	25.00	65.00	10.00
The establishment,		12.98	86.03	0.99
Boots, button (grain, children's)	seventy-two pairs	32.76	67.24	–
The establishment,		16.55	82.76	0.69
Boots, button (grain, misses')	sixty pairs	29.42	67.67	2.91
The establishment,		24.75	63.66	11.59

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for —		
		Wages	Raw Materials	Expenses (not specified)
Boots, button (kid)	one case	31.03	62.07	6.90
The establishment,		19.91	79.17	0.92
Boots, button (kid, children's)	sixty pairs	42.04	57.96	–
The establishment,		46.06	50.90	3.04
Boots, button (kid, children's)	seventy-two pairs	33.23	66.77	–
The establishment,		29.26	69.76	0.98
Boots, button (kid, children's)	seventy-two pairs	38.89	52.78	8.33
The establishment,		35.46	55.72	8.82
Boots, button (kid, women's)	thirty-six pairs	38.10	61.90	–
The establishment,		35.84	58.87	5.29
Boots, button (kid, women's)	thirty-six pairs	32.79	67.21	–
The establishment,		27.68	69.48	2.84
Boots, button (kid, women's)	thirty-six pairs	40.00	60.00	–
The establishment,		8.19	90.25	1.56
Boots, button (kid, women's)	sixty pairs	40.00	60.00	–
The establishment,		5.05	93.18	1.77
Boots, button (kid, women's)	sixty pairs	31.54	60.77	7.69
The establishment,		27.37	70.61	2.02
Boots, button (kid, women's)	sixty pairs	25.36	74.64	–
The establishment,		6.74	91.28	1.98
Boots, button (kid, women's)	sixty pairs	40.00	60.00	–
The establishment,		13.53	85.05	1.42
Boots, button (kid, women's)	sixty pairs	35.24	64.76	–
The establishment,		5.52	93.57	0.91
Boots, button (kid, women's)	sixty pairs	30.99	69.01	–
The establishment,		15.86	79.29	4.85
Boots, button (kid, women's)	sixty pairs	36.00	64.00	–
The establishment,		16.61	79.10	4.29
Boots, button (kid, women's)	sixty pairs	36.56	63.44	–
The establishment,		6.59	91.18	2.23
Boots, button (women's)	sixty pairs	27.41	61.48	11.11
The establishment,		23.11	64.48	12.41
Boots, calf	twelve pairs	20.83	72.00	7.17
The establishment,		34.06	61.64	4.30
Boots, calf	five cases	19.83	80.17	–
The establishment,		32.90	66.54	0.56
Boots, calf	five cases	19.58	79.17	1.25
The establishment,		42.31	57.36	0.33
Boots, calf	twenty-five thousand cases	30.00	70.00	–
The establishment,		29.48	68.81	1.71
Boots, calf (men's)	one pair	38.46	61.54	–
The establishment,		49.64	44.28	6.08
Boots, calf (sewed)	one case	22.22	77.78	–
The establishment,		24.46	72.92	2.62
Boots, congress	twenty-four pairs	26.88	65.72	7.40
The establishment,		28.58	71.20	0.22
Boots, congress	one hundred and forty-two cases	37.29	61.66	1.05
The establishment,		32.60	53.90	13.50
Boots, congress (buff, men's)	twelve pairs	51.17	48.83	–
The establishment,		42.74	53.42	3.84
Boots, congress (buff, men's)	sixty pairs	34.52	65.48	–
The establishment,		31.80	66.74	1.46
Boots, congress (calf, men's)	twenty-four pairs	30.12	52.70	17.18
The establishment,		28.30	68.73	2.97
Boots, congress (Dongola, men's)	twenty-four pairs	24.00	66.00	10.00
The establishment,		35.24	59.73	5.03
Boots, custom	one pair	50.00	50.00	–
The establishment,		61.54	38.46	–

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Boots, custom (men's)	one pair	35.00	65.00	–
The establishment,		51.66	34.19	14.15
Boots, fishing	ten cases	25.71	74.29	–
The establishment,		32.15	67.75	0.10
Boots, gaiter (congress, calf)	one pair	43.65	56.35	–
The establishment,		34.63	60.02	5.35
Boots, goat (women's)	sixty pairs	36.17	63.83	–
The establishment,		20.92	76.19	2.89
Boots, grain (women's)	sixty pairs	27.50	72.50	–
The establishment,		14.44	82.23	3.33
Boots, grain and kip	one case	32.14	60.72	7.14
The establishment,		32.63	63.65	3.72
Boots, kid (glove top, women's)	thirty-six pairs	34.88	65.12	–
The establishment,		28.03	70.55	1.42
Boots, kid (women's)	one pair	33.33	55.56	11.11
The establishment,		33.04	60.58	6.38
Boots, kip	one case	15.78	74.84	9.38
The establishment,		23.01	74.18	2.81
Boots, kip	one case	26.81	73.19	–
The establishment,		24.37	71.92	3.71
Boots, kip (pegged)	ten cases	33.33	66.67	–
The establishment,		16.55	82.30	1.15
Boots, machine-sewed	one case	46.67	53.33	–
The establishment,		30.77	67.81	1.42
Boots, men's	one hundred cases	17.74	82.26	–
The establishment,		16.80	81.97	1.23
Boots, Newport button (kid, women's)	thirty-six pairs	36.75	63.25	–
The establishment,		18.62	78.59	2.79
Boots, Newport button (kid, women's)	sixty pairs	41.18	58.82	–
The establishment,		14.25	77.98	7.77
Boots, Newport button (women's)	sixty pairs	31.82	68.18	–
The establishment,		17.78	78.69	3.53
Boots, opera (kid, women's)	thirty-six pairs	32.87	67.13	–
The establishment,		20.57	77.57	1.86
Boots, opera (kid, women's)	thirty-six pairs	39.20	60.80	–
The establishment,		17.29	79.54	3.17
Boots, Polish (buff, women's)	sixty pairs	35.09	64.91	–
The establishment,		14.20	83.80	2.00
Boots, Polish (goat, women's)	sixty pairs	33.33	66.67	–
The establishment,		29.61	67.43	2.96
Boots, serge	sixty pairs	40.00	60.00	–
The establishment,		50.77	49.23	–
Boots, women's	one pair	43.33	56.67	–
The establishment,		73.53	26.47	–
Boots, women's	thirty-six pairs	25.76	74.24	–
The establishment,		42.29	54.89	2.82
Boots, women's	sixty pairs	33.33	66.67	–
The establishment,		43.48	34.78	21.74
Boots and shoes,	forty-four thousand pairs	27.27	72.73	–
The establishment,		34.91	64.94	0.15
Boots and shoes,	one pair	61.38	38.62	–
The establishment,		38.17	60.63	1.20
Boots and shoes,	one pair	40.00	53.33	6.67
The establishment,		33.04	66.96	–
Boots and shoes,	one pair	33.46	59.27	7.27
The establishment,		32.76	66.30	0.94
Boots and shoes,	one pair	33.57	66.43	–
The establishment,		43.50	54.96	1.54

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Boots and shoes,	one pair	50.00	50.00	–
The establishment,		54.19	34.84	10.97
Boots and shoes,	twelve pairs	13.83	70.00	–
The establishment,		21.16	76.66	2.18
Boots and shoes,	sixty pairs	16.73	45.09	38.18
The establishment,		27.42	70.93	1.65
Boots and shoes,	seventy-two pairs	56.25	43.75	–
The establishment,		52.40	44.91	2.69
Boots and shoes,	one hundred pairs	25.50	57.50	17.00
The establishment,		40.84	56.52	2.64
Boots and shoes,	one hundred and fifty pairs	38.46	61.54	–
The establishment,		38.46	61.54	–
Boots and shoes,	three hundred and fifty-eight pairs	19.28	67.41	13.31
The establishment,		20.41	71.66	7.93
Boots and shoes,	one hundred and eighty thousand pairs	33.33	66.67	–
The establishment,		32.99	65.99	1.02
Boots and shoes,	twenty-two thousand, two hundred pairs	28.53	71.47	–
The establishment,		28.28	70.83	0.89
Boots and shoes,	one case	40.00	60.00	–
The establishment,		46.77	51.36	1.87
Boots and shoes,	one case	38.20	61.80	–
The establishment,		34.95	61.11	3.94
Boots and shoes,	seven thousand, eight hundred and eight cases	33.74	66.26	–
The establishment,		33.23	57.23	9.54
Boots and shoes,	one hundred cases	18.94	71.97	9.09
The establishment,		23.66	74.45	1.89
Boots and shoes,	twelve hundred cases	23.40	76.60	–
The establishment,		40.87	56.76	2.37
Boots and shoes,	eighteen hundred cases	35.14	64.86	–
The establishment,		32.60	64.65	2.75
Boots and shoes,	two thousand cases	40.00	55.90	4.10
The establishment,		41.24	57.62	1.14
Boots and shoes,	six thousand cases	30.30	69.70	–
The establishment,		30.27	69.62	0.11
Boots and shoes, calf (men's)	two hundred and forty thousand pairs	27.83	55.50	16.67
The establishment,		3.65	93.53	2.82
Boots and shoes, custom	ten pairs	50.00	50.00	–
The establishment,		16.54	56.94	26.52
Boots and shoes, fine	one pair	50.00	25.00	25.00
The establishment,		34.34	34.34	31.32
Boots and shoes (women's)	fifty cases	37.58	61.82	0.60
The establishment,		36.30	56.39	7.31
Box-toes,	one thousand pairs	60.00	40.00	–
The establishment,		14.01	77.60	8.39
Box-toes, leather-board	one thousand pairs	27.27	72.73	–
The establishment,		39.85	37.01	23.14
Brogans,	one thousand cases	21.62	78.38	–
The establishment,		21.52	77.86	0.62
Brogans, calf	one hundred and twenty thousand pairs	10.83	66.67	22.50
The establishment,		25.22	74.73	0.05
Brogans, kip	one case	33.33	66.67	–
The establishment,		30.29	65.81	3.90
Brogans, men's	one case	15.00	85.00	–
The establishment,		27.33	72.13	0.54

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Brogans, wax (men's)	one thousand cases	14.10	82.89	3.01
The establishment,		20.72	76.48	2.80
Buskins, goat (turned)	one hundred cases	25.64	66.67	7.69
The establishment,		22.25	74.61	3.14
Button-holes,	one hundred	64.91	35.09	–
The establishment,		49.75	49.75	0.50
Button-holes,	one hundred thousand	64.00	36.00	–
The establishment,		73.34	26.00	0.66
Gaiters, button	one pair	54.96	45.04	–
The establishment,		53.38	43.68	2.94
Gaiters, congress (serge)	one case	28.74	57.47	13.79
The establishment,		28.67	71.33	–
Heeling,	one sheet	27.78	72.22	–
The establishment,		25.56	72.07	2.37
Heeling,	one hundred sheets	30.00	70.00	–
The establishment,		25.26	69.00	5.74
Heeling,	one ton	75.00	25.00	–
The establishment,		64.86	35.14	–
Heeling,	one ton	50.00	50.00	–
The establishment,		34.60	65.40	–
Heeling, pasted	two thousand pounds	33.33	55.56	11.11
The establishment,		24.93	75.07	–
Heeling, sheet	one sheet	21.43	71.43	7.14
The establishment,		27.55	63.99	8.46
Heeling, sheet	one thousand sheets	27.27	72.73	–
The establishment,		40.52	58.95	0.53
Heels,	one pair	28.57	64.29	7.14
The establishment,		23.76	76.04	0.20
Heels,	one pair	40.00	50.00	10.00
The establishment,		41.67	58.33	–
Heels,	sixty pairs	83.33	16.67	–
The establishment,		29.41	70.59	–
Heels,	one thousand heels	16.67	83.33	–
The establishment,		14.33	80.58	5.09
Heels,	one hundred pairs	25.00	62.50	12.50
The establishment,		13.59	85.47	0.94
Heels,	four hundred pairs	52.67	47.33	–
The establishment,		17.41	80.53	2.06
Heels,	one barrel	17.50	75.00	7.50
The establishment,		9.84	89.87	0.29
Heels,	one case	72.31	27.69	–
The establishment,		66.14	27.49	6.37
Heels,	one hundred cases	21.06	78.94	–
The establishment,		21.05	78.95	–
Heels, boot	one thousand pairs	21.32	71.30	7.38
The establishment,		41.81	52.35	5.84
Heels, cut	fifteen cases	11.25	88.33	0.42
The establishment,		17.25	82.16	0.59
Heels, shoe	three hundred and two thousand pairs	30.32	60.65	9.03
The establishment,		33.03	66.06	0.91
Heels, shoe	one hundred cases	22.14	77.86	–
The establishment,		24.74	74.59	0.67
Kid stays,	one gross yards	42.86	57.14	–
The establishment,		20.15	75.54	4.31
Leather-board,	one ton	15.00	73.00	12.00
The establishment,		19.03	72.08	8.89
Pasted taps,	ten cases	36.00	60.00	4.00
The establishment,		28.14	70.88	0.98

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Pumps, patent leather (men's)	thirty-six pairs	27.65	72.35	–
The establishment,		11.71	83.28	5.01
Rands,	sixty pairs	13.33	86.67	–
The establishment,		14.32	71.79	13.89
Rubber counters,	two million pairs	33.23	66.75	0.02
The establishment,		29.99	60.26	9.75
Shoe buttons,	one great gross	30.30	69.70	–
The establishment,		37.75	57.43	4.82
Shoe counters,	one thousand pairs	32.50	67.50	–
The establishment,		36.21	62.67	1.12
Shoe elastic,	one thousand yards	13.43	71.64	14.93
The establishment,		24.02	73.55	2.43
Shoe uppers (fitted),	one case	66.67	33.33	–
The establishment,		75.99	21.66	2.35
Shoes,	one pair	36.67	63.33	–
The establishment,		43.45	56.55	–
Shoes,	one pair	37.50	56.25	6.25
The establishment,		40.13	58.13	1.74
Shoes,	one pair	45.00	55.00	–
The establishment,		33.21	61.99	4.80
Shoes,	one pair	34.78	65.22	–
The establishment,		15.82	84.04	0.14
Shoes,	one pair	25.41	74.59	–
The establishment,		26.46	64.09	9.45
Shoes,	one pair	35.71	64.29	–
The establishment,		37.32	58.27	4.41
Shoes,	twelve pairs	38.89	61.11	–
The establishment,		37.52	55.58	6.90
Shoes,	twelve pairs	40.35	42.11	17.54
The establishment,		35.24	61.66	3.10
Shoes,	twenty-four pairs	35.00	65.00	–
The establishment,		27.18	72.49	0.33
Shoes,	twenty-four pairs	30.43	69.57	–
The establishment,		31.84	68.16	–
Shoes,	twenty-four pairs	41.07	51.79	7.14
The establishment,		28.57	71.43	–
Shoes,	sixty pairs	20.34	74.58	5.08
The establishment,		23.84	74.43	1.73
Shoes,	sixty pairs	33.33	66.67	–
The establishment,		8.66	90.86	0.48
Shoes,	sixty pairs	29.55	67.07	3.38
The establishment,		29.12	65.82	5.06
Shoes,	sixty pairs	44.64	47.62	7.74
The establishment,		51.38	48.16	0.46
Shoes,	sixty pairs	24.76	75.24	–
The establishment,		36.17	60.81	3.02
Shoes,	sixty pairs	25.00	75.00	–
The establishment,		28.30	67.24	4.46
Shoes,	seventy-two pairs	56.52	43.48	–
The establishment,		41.90	58.10	–
Shoes,	seventy-two pairs	26.04	52.08	21.88
The establishment,		32.15	60.39	7.46
Shoes,	one case	51.43	37.14	11.43
The establishment,		39.69	38.69	21.62
Shoes,	one case	33.33	66.67	–
The establishment,		39.38	60.14	0.48
Shoes,	one case	20.37	79.63	–
The establishment,		41.20	58.53	0.27

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Shoes,	one case	24.33	62.16	13.51
The establishment,		24.59	74.00	1.41
Shoes,	one case	27.78	72.22	–
The establishment,		34.93	62.34	2.73
Shoes,	one case	46.43	53.57	–
The establishment,		38.77	60.89	0.34
Shoes,	one case	40.00	60.00	–
The establishment,		33.92	62.39	3.69
Shoes,	one case	34.48	65.52	–
The establishment,		31.02	67.76	1.22
Shoes,	one case	38.46	61.54	–
The establishment,		30.62	69.38	–
Shoes,	one case	34.54	52.73	12.73
The establishment,		36.83	61.77	1.40
Shoes,	one case	34.00	66.00	–
The establishment,		37.54	60.37	2.09
Shoes,	ten cases	33.33	66.67	–
The establishment,		31.41	68.14	0.45
Shoes,	one hundred cases	33.33	66.67	–
The establishment,		34.64	62.99	2.37
Shoes,	two hundred cases	62.93	36.79	0.28
The establishment,		53.74	41.59	4.67
Shoes,	six hundred cases	15.15	81.82	3.03
The establishment,		22.56	76.70	0.74
Shoes,	one thousand, four hundred and eighteen cases	21.65	78.35	–
The establishment,		24.07	74.16	1.77
Shoes, balmoral (grain, pegged)	sixty pairs	39.65	48.28	12.07
The establishment,		39.85	60.15	–
Shoes, balmoral (lace, men's)	forty-eight pairs	29.26	66.34	4.40
The establishment,		29.75	66.54	3.71
Shoes, buff	one pair	31.97	68.03	–
The establishment,		36.35	62.48	1.17
Shoes, buff (men's)	twelve hundred pairs	20.98	72.13	6.89
The establishment,		16.68	78.60	4.72
Shoes, buskin	sixty pairs	32.73	67.27	–
The establishment,		28.08	53.34	18.58
Shoes, button (buff, boys')	one case	33.33	65.00	1.67
The establishment,		31.44	68.56	–
Shoes, button (buff, men's)	twelve pairs	17.01	81.30	1.69
The establishment,		26.97	71.16	1.87
Shoes, button (calf, men's)	twelve pairs	37.80	56.69	5.51
The establishment,		30.14	65.28	4.58
Shoes, button (grain)	seventy-two pairs	27.27	72.73	–
The establishment,		52.19	38.87	8.94
Shoes, calf	one pair	40.89	59.11	–
The establishment,		34.44	59.16	6.40
Shoes, calf (men's)	twelve pairs	20.87	73.04	6.09
The establishment,		28.88	61.18	9.94
Shoes, calf (women's)	sixty pairs	28.00	72.00	–
The establishment,		28.07	67.35	4.58
Shoes, children's	sixty pairs	45.45	52.73	1.82
The establishment,		39.37	59.06	1.57
Shoes, children's	seventy-two pairs	55.00	45.00	–
The establishment,		54.64	44.63	0.73
Shoes, children's	thirty-three hundred pairs	35.84	60.49	3.67
The establishment,		36.96	62.37	0.67
Shoes, children's	one case	36.17	63.83	–
The establishment,		27.68	69.00	3.32

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for —		
		Wages	Raw Materials	Expenses (not specified)
Shoes, children's	one hundred cases	43.20	56.80	-
The establishment,		42.66	56.09	1.25
Shoes, congress	two dozen pairs	14.35	85.65	-
The establishment,		28.44	71.56	-
Shoes, congress (buff)	one case	32.00	68.00	-
The establishment,		31.85	67.89	0.26
Shoes, fine (women's)	one hundred and fifty thousand pairs	31.38	68.62	-
The establishment,		26.73	67.68	5.59
Shoes, grain (women's)	one pair	23.08	64.10	12.82
The establishment,		21.58	77.14	1.28
Shoes, hand-sewed	one pair	40.48	49.78	9.74
The establishment,		38.17	56.11	5.72
Shoes, heavy	sixty pairs	20.26	79.74	-
The establishment,		18.82	79.40	1.78
Shoes, low cut	forty-eight thousand pairs	39.07	53.02	7.91
The establishment,		41.30	56.05	2.65
Shoes, men's	twenty-four pairs	17.40	72.00	10.60
The establishment,		27.32	69.34	3.34
Shoes, men's	one pair	32.61	65.22	2.17
The establishment,		29.95	65.34	4.71
Shoes, men's	one pair	40.00	60.00	-
The establishment,		39.40	59.57	1.03
Shoes, men's	twelve pairs	33.33	53.34	13.33
The establishment,		39.55	59.84	0.61
Shoes, men's	five hundred pairs	32.73	67.27	-
The establishment,		36.08	62.44	1.48
Shoes, men's	one thousand cases	22.45	77.55	-
The establishment,		23.04	76.44	0.52
Shoes, misses and children's	one hundred and seventy-five thousand pairs	17.54	75.44	7.02
The establishment,		31.71	66.07	2.22
Shoes, opera (French kid, women's)	thirty-six pairs	35.71	64.29	-
The establishment,		8.31	90.51	1.18
Shoes, opera (goat, men's)	sixty pairs	30.11	69.54	0.35
The establishment,		13.68	81.56	4.76
Shoes, opera (kid)	sixty pairs	42.86	50.00	7.14
The establishment,		14.68	84.03	1.29
Shoes, opera (kid, women's)	thirty-six pairs	40.00	60.00	-
The establishment,		12.06	85.17	2.77
Shoes, opera (kid, women's)	sixty pairs	38.71	61.29	-
The establishment,		20.51	78.62	0.87
Shoes, opera (kid, women's)	sixty pairs	35.90	64.10	-
The establishment,		11.50	86.72	1.78
Shoes, opera (kid, women's)	sixty pairs	46.15	53.85	-
The establishment,		6.46	85.08	8.46
Shoes, opera (kid, women's)	sixty pairs	34.88	65.12	-
The establishment,		15.33	81.82	2.85
Shoes, Oxford tie (Dongola, men's)	twenty-four pairs	39.05	60.95	-
The establishment,		37.80	59.64	2.56
Shoes, Oxford tie (kid, women's)	sixty pairs	31.37	68.63	-
The establishment,		6.39	93.61	-
Shoes, Polish (buff, women's)	sixty pairs	25.64	47.44	26.92
The establishment,		24.28	73.13	2.59
Shoes, Polish (buff, women's)	sixty pairs	30.00	70.00	-
The establishment,		26.88	68.01	5.11
Shoes, Polish (calf, pegged, women's)	sixty pairs	31.00	69.00	-
The establishment,		16.31	80.72	2.97
Shoes, Polish (grain, women's)	sixty pairs	23.23	76.77	-
The establishment,		23.12	74.11	2.77

BOOTS AND SHOES — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Shoes, sewed	twelve pairs	41.03	51.28	7.69
The establishment,		35.85	62.79	1.36
Shoes, tie (kid, women's)	sixty pairs	30.83	69.17	–
The establishment,		6.25	92.50	1.25
Shoes, veal calf	twenty-four pairs	33.14	1.43	65.43
The establishment,		28.60	68.92	2.48
Shoes, veal calf	one thousand cases	21.42	78.58	–
The establishment,		23.69	73.97	2.34
Shoes, women's	one pair	27.10	72.90	–
The establishment,		23.32	76.23	0.45
Shoes, women's	thirty-six pairs	31.03	68.97	–
The establishment,		23.11	75.58	1.31
Shoes, women's	sixty pairs	19.74	80.26	–
The establishment,		25.10	73.11	1.79
Shoes, women's	one hundred and eighty thousand pairs	28.52	58.53	12.95
The establishment,		31.98	65.62	2.40
Shoes, women's	one case	23.33	76.67	–
The establishment,		21.29	78.22	0.49
Shoes, women's	ten cases	32.71	67.29	–
The establishment,		17.28	80.79	1.93
Slippers,	one pair	31.25	68.75	–
The establishment,		30.35	69.65	–
Slippers,	sixty pairs	41.02	53.85	5.13
The establishment,		29.14	69.84	1.02
Slippers,	sixty pairs	38.30	61.70	–
The establishment,		25.33	73.37	1.30
Slippers,	sixty pairs	43.86	56.14	–
The establishment,		32.28	67.72	–
Slippers,	ten thousand two hundred pairs	40.36	59.64	–
The establishment,		40.96	57.00	2.04
Slippers,	one case	8.13	83.75	8.12
The establishment,		8.64	89.10	2.26
Slippers, buckskin (men's)	sixty pairs	23.00	77.00	–
The establishment,		20.47	77.57	1.96
Slippers, carpet	one hundred and fifty thousand pairs	33.33	66.67	–
The establishment,		34.75	56.08	9.17
Slippers, children's	sixty pairs	50.00	50.00	–
The establishment,		2.31	96.32	1.37
Slippers, croquet	one hundred and fifty cases	46.97	53.03	–
The establishment,		46.05	52.05	1.90
Slippers, goat (men's)	sixty pairs	33.33	66.67	–
The establishment,		37.29	60.23	2.48
Slippers, kid	sixty pairs	41.67	58.33	–
The establishment,		30.52	64.67	4.81
Slippers, kid (women's)	one pair	28.00	72.00	–
The establishment,		40.21	59.61	0.18
Slippers, kid (women's)	sixty pairs	37.50	49.50	13.00
The establishment,		23.78	74.64	1.58
Slippers, kid (women's)	sixty pairs	30.86	69.14	–
The establishment,		12.26	85.15	2.59
Slippers, kid (women's)	sixty pairs	33.33	66.67	–
The establishment,		10.69	87.82	1.49
Slippers, kid (women's)	sixty pairs	42.12	57.88	–
The establishment,		12.56	85.35	2.09
Slippers, kid (women's)	sixty pairs	52.63	47.37	–
The establishment,		11.57	86.50	1.93

BOOTS AND SHOES — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Slippers, kid (women's)	sixty pairs	35.71	64.29	–
The establishment,		3.26	96.15	0.59
Slippers, kid (women's)	one case	36.04	63.96	–
The establishment,		8.13	90.06	1.81
Slippers, sheepskin	one dozen pairs	22.22	77.78	–
The establishment,		47.05	50.34	2.61
Slippers, velvet (men's)	sixty pairs	41.18	58.82	–
The establishment,		30.88	65.13	3.99
Slippers, women's	one pair	34.00	66.00	–
The establishment,		–	100.00	–
Slippers, women's	one pair	42.86	57.14	–
The establishment,		52.62	46.71	0.67
Slippers, women's	twelve pairs	35.71	64.29	–
The establishment,		31.14	62.27	6.59
Slippers, women's	thirty-six pairs	39.22	60.78	–
The establishment,		40.77	59.23	–
Slippers, women's	sixty pairs	29.09	58.18	12.73
The establishment,		33.62	66.38	–
Slippers, women's	one hundred pairs	44.44	55.56	–
The establishment,		45.14	54.86	–
Soles,	one thousand pairs	5.26	94.74	–
The establishment,		2.41	96.35	1.24
Soles,	one hundred cases	3.33	96.67	–
The establishment,		2.67	92.82	4.51
Soles, inner	sixty pairs	6.00	92.00	2.00
The establishment,		15.93	84.07	–
Soles, inner	one case	19.05	80.95	–
The establishment,		68.22	21.70	10.08
Soles, inner	one case	50.00	50.00	–
The establishment,		35.89	61.17	2.94
Soles, inner	one hundred cases	58.00	42.00	–
The establishment,		52.87	45.89	1.24
Soles, tap	twelve hundred pairs	20.00	80.00	–
The establishment,		19.80	72.79	7.41
Tips, sole-leather	ten thousand pairs	5.11	94.45	0.44
The establishment,		9.98	86.60	3.42
Tips, sole-leather	one thousand pairs	14.54	83.64	1.82
The establishment,		10.10	85.61	4.29
Wax,	one barrel	33.25	59.00	7.75
The establishment,		34.26	64.57	1.17

BOXES (PAPER AND WOODEN).

Box-boards,	one thousand feet	18.75	81.25	–
The establishment,		40.27	51.96	7.77
Boxes,	one thousand feet	36.14	63.86	–
The establishment,		36.11	63.80	0.09
Boxes,	one hundred	31.25	64.75	4.00
The establishment,		46.04	30.19	23.77
Boxes,	four hundred and eighty-six	25.51	51.02	23.47
The establishment,		26.32	52.63	21.05
Boxes,	five hundred and twenty	39.10	60.90	–
The establishment,		51.19	46.88	1.93
Boxes,	one thousand	50.00	50.00	–
The establishment,		34.75	50.96	14.29
Boxes,	ninety thousand	26.47	73.53	–
The establishment,		25.72	71.64	2.64

BOXES (PAPER AND WOODEN) — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Boxes, boot and shoe	one	79.17	20.83	–
The establishment,		21.51	77.72	0.77
Boxes, boot and shoe	one	30.77	69.23	–
The establishment,		26.85	61.83	11.32
Boxes, boot and shoe	one	28.00	72.00	–
The establishment,		17.63	78.73	3.64
Boxes, button-hook	two hundred	25.00	50.00	25.00
The establishment,		28.78	71.22	–
Boxes, cigar	one	51.43	48.57	–
The establishment,		50.78	49.22	–
Boxes, locked corner	one thousand	41.38	58.62	–
The establishment,		42.70	55.74	1.56
Boxes, packing	one thousand feet	23.81	76.19	–
The establishment,		27.44	70.28	2.28
Boxes, packing	one thousand feet	24.14	75.86	–
The establishment,		24.96	74.89	0.15
Boxes, packing	one	25.00	75.00	–
The establishment,		18.06	81.94	–
Boxes, packing	ten	25.57	73.29	1.14
The establishment,		27.08	64.70	8.22
Boxes, packing	two hundred and fifty	12.25	77.08	10.67
The establishment,		26.11	63.08	10.81
Boxes, packing	fifteen hundred	20.00	54.17	25.83
The establishment,		38.22	60.42	1.36
Boxes, packing (for straw goods)	one thousand feet	35.00	65.00	–
The establishment,		28.34	67.80	3.86
Boxes, packing (jewellers')	one thousand	31.11	62.22	6.67
The establishment,		62.61	35.96	1.43
Boxes, paper	one hundred	25.00	75.00	–
The establishment,		45.13	34.92	19.95
Boxes, paper	one hundred	27.69	33.85	38.46
The establishment,		62.89	35.64	1.47
Boxes, paper	one hundred	26.67	73.33	–
The establishment,		47.58	52.42	–
Boxes, paper	one thousand	76.92	23.08	–
The establishment,		49.75	40.36	9.89
Boxes, paper	one thousand	12.94	76.52	10.54
The establishment,		14.46	62.10	23.44
Boxes, paper	one thousand	46.67	53.33	–
The establishment,		36.45	60.23	3.32
Boxes, paper	one thousand	63.83	36.17	–
The establishment,		41.47	46.89	11.64
Boxes, paper	one thousand	45.57	50.63	3.80
The establishment,		40.54	59.46	–
Boxes, paper	one thousand	45.46	29.09	25.45
The establishment,		56.02	35.86	8.12
Boxes, paper	one thousand	37.50	62.50	–
The establishment,		41.79	54.29	3.92
Boxes, paper	four thousand	44.44	44.44	11.12
The establishment,		43.45	47.39	9.16
Boxes, paper	one hundred and sixty-four thousand, three hundred and sixty-six	55.11	43.08	1.81
The establishment,		55.62	43.47	0.91
Boxes, paper	seven hundred thousand	21.95	32.66	45.39
The establishment,		39.21	58.35	2.44
Boxes, shoe	one thousand	30.00	70.00	–
The establishment,		37.81	44.98	17.21

BOXES (PAPER AND WOODEN) — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Boxes, shoe	one	75.00	25.00	–
The establishment,		16.22	83.78	–
Boxes, shoe	one hundred	25.00	75.00	–
The establishment,		35.87	60.45	3.68
Boxes, shoe	one hundred	40.00	35.00	25.00
The establishment,		29.02	53.21	17.77
Boxes, shoe	one thousand	35.00	65.00	–
The establishment,		36.84	63.16	–
Boxes, shoe	one thousand	17.86	76.43	5.71
The establishment,		23.67	69.47	6.86
Boxes, stove polish	one hundred	33.33	66.67	–
The establishment,		28.26	68.30	3.44
Boxes, wooden	one thousand feet	32.26	67.74	–
The establishment,		36.50	62.04	1.46
Boxes, wooden	one thousand feet	22.00	72.00	6.00
The establishment,		36.55	53.53	9.92
Boxes, wooden	one thousand feet	36.84	63.16	–
The establishment,		19.01	79.77	1.22
Boxes, wooden	one hundred	24.11	75.89	–
The establishment,		22.47	74.07	3.46
Boxes, wooden	thirty-five hundred	30.83	69.17	–
The establishment,		30.83	69.17	–
Cases, boot	one hundred	26.67	73.33	–
The establishment,		33.01	66.02	0.97
Cases, dry goods	ten	9.23	90.77	–
The establishment,		10.13	88.61	1.26
Trunk woods,	one hundred dozen	30.43	43.48	26.09
The establishment,		37.12	58.60	4.28

BRICK, TILES, AND SEWER PIPE.

Brick,	one thousand	75.60	24.40	–
The establishment,		75.34	24.38	0.28
Brick,	one thousand	63.64	36.36	–
The establishment,		34.87	62.52	2.61
Brick,	one thousand	50.53	14.52	34.95
The establishment,		59.60	40.16	0.24
Brick,	one thousand	94.74	5.26	–
The establishment,		59.36	40.64	–
Brick,	one thousand	60.00	40.00	–
The establishment,		57.68	39.34	2.98
Brick,	one thousand	55.24	44.76	–
The establishment,		46.01	53.99	–
Brick,	one thousand	55.56	44.44	–
The establishment,		40.39	32.01	27.60
Brick,	one thousand	80.77	19.23	–
The establishment,		76.19	23.81	–
Brick,	one thousand	46.75	35.00	18.25
The establishment,		55.45	41.58	2.97
Brick,	one thousand	63.22	36.78	–
The establishment,		58.60	33.70	7.70
Brick,	one thousand	70.00	30.00	–
The establishment,		68.97	31.03	–
Brick,	one thousand	55.36	44.64	–
The establishment,		54.29	43.75	1.96
Brick,	one thousand	81.82	18.18	–
The establishment,		83.33	16.67	–

BRICK, TILES, AND SEWER PIPE — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Brick,	one thousand	60.00	40.00	–
The establishment,		71.34	25.67	2.99
Brick,	one thousand	70.00	30.00	–
The establishment,		76.64	23.36	–
Brick,	one thousand	60.00	40.00	–
The establishment,		63.46	36.54	–
Brick,	one thousand	42.22	27.78	30.00
The establishment,		67.04	31.76	1.20
Brick,	one hundred thousand	50.00	50.00	–
The establishment,		40.88	54.37	4.75
Brick,	one hundred thousand	42.78	11.67	45.55
The establishment,		36.03	20.36	43.61
Brick,	two hundred thousand	91.88	8.12	–
The establishment,		91.88	8.12	–
Brick,	two hundred thousand	92.01	7.99	–
The establishment,		88.82	7.71	3.47
Brick,	two hundred and fifty thousand	62.50	37.50	–
The establishment,		62.50	37.50	–
Brick,	thirteen hundred thousand	68.97	20.69	10.34
The establishment,		67.95	20.39	11.66
Brick,	fifteen hundred thousand	75.06	24.94	–
The establishment,		75.06	24.94	–
Brick,	one thousand	70.74	29.26	–
The establishment,		65.80	32.89	1.31
Brick,	one thousand	64.35	28.33	7.32
The establishment,		66.78	29.48	3.74
Brick, face	one thousand	45.84	33.33	20.83
The establishment,		52.67	47.33	–
Brick, face	one thousand	65.00	35.00	–
The establishment,		55.44	42.07	2.49
Brick, fire	eight hundred and thirty thousand	30.12	36.20	33.68
The establishment,		33.27	39.99	26.74
Brick, red	one thousand	59.60	20.11	20.29
The establishment,		74.25	25.00	0.75
Pipe, cement	seventy-two feet	31.25	42.53	26.22
The establishment,		43.16	55.22	1.62
Pipe, drain	one hundred feet	50.00	50.00	–
The establishment,		45.37	54.45	0.18
Stone (artificial) and pipe,		48.16	22.95	28.89
The establishment,		48.16	22.95	28.89

BROOMS, BRUSHES, AND MOPS.

Brooms,	one dozen	28.57	71.43	–
The establishment,		29.09	69.83	1.08
Brooms,	one dozen	41.67	58.33	–
The establishment,		29.16	60.75	10.09
Brooms,	one dozen	16.50	71.00	12.50
The establishment,		18.87	81.13	–
Brooms,	one dozen	15.56	84.44	–
The establishment,		19.56	80.44	–
Brooms,	one dozen	25.00	75.00	–
The establishment,		37.83	59.93	2.24
Brooms,	one dozen	27.91	71.16	0.93
The establishment,		25.11	73.81	1.08

BROOMS, BRUSHES, AND MOPS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Brooms,	one dozen	29.44	70.56	–
The establishment,		29.14	69.48	1.38
Brooms,	ten dozen	28.57	71.43	–
The establishment,		5.16	94.58	0.26
Brooms,	one hundred dozen	37.14	58.29	4.57
The establishment,		38.88	61.02	0.10
Brooms,	one hundred	33.31	66.69	–
The establishment,		31.95	67.84	0.21
Brooms, corn	twenty-five dozen	25.71	74.29	–
The establishment,		20.43	73.90	5.67
Brushes, cylinder	three hundred and thirty	12.12	30.30	57.58
The establishment,		25.65	68.83	5.52
Brushes, jewellers'	one hundred and fifty gross	17.70	82.30	–
The establishment,		48.18	47.22	4.60
Brushes, tooth	one gross	76.95	23.05	–
The establishment,		46.80	29.90	23.30
Brushes, tooth	one gross	37.50	62.50	–
The establishment,		52.80	42.24	4.96

BUILDING.

Brick,	one thousand	63.16	36.84	–
The establishment,		60.49	37.45	2.06
Bridges, railroad (iron)	four million, two hundred and forty thousand pounds	26.14	59.26	14.60
The establishment,		28.05	63.59	8.36
Doors,	two	72.41	27.59	–
The establishment,		35.84	51.61	12.55
Doors,	one hundred	50.00	50.00	–
The establishment,		33.33	66.67	–
Doors,	one hundred	25.00	75.00	–
The establishment,		35.57	54.34	10.09
Doors,	one hundred	58.33	41.67	–
The establishment,		26.48	31.25	42.27
Earth closets,	one	40.00	60.00	–
The establishment,		28.57	71.43	–
Fireproof blocks,	one thousand feet	45.71	54.29	–
The establishment,		56.39	32.91	10.70
Flooring, wood (mosaic)	one square foot	47.83	17.39	34.78
The establishment,		41.99	25.41	32.60
Foundations, brick	one thousand	41.18	58.82	–
The establishment,		46.39	51.18	2.43
Houses,	one	36.11	63.89	–
The establishment,		36.93	63.07	–
Houses, cottage		41.50	58.50	–
The establishment,		29.33	70.67	–
Houses, cottage	one	13.33	86.67	–
The establishment,		42.15	57.85	–
Lathing and plastering,	one hundred yards	52.82	47.18	–
The establishment,		60.39	39.61	–
Masonry,	one perch	38.46	61.54	–
The establishment,		65.22	34.78	–
Moulding,	one thousand feet	28.57	71.43	–
The establishment,		48.20	48.33	3.47
Moulding,	one thousand feet	30.77	69.23	–
The establishment,		26.37	59.90	13.73
Moulding,	one thousand feet	21.43	78.57	–
The establishment,		32.81	64.27	2.92
Moulding, pine	one thousand feet	20.00	80.00	–
The establishment,		41.38	54.53	4.09

BUILDING — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Painting, house	one	75.00	25.00	–
The establishment,		73.57	24.52	1.91
Painting, house	one hundred yards	60.00	40.00	–
The establishment,		50.00	50.00	–
Painting, sign	one hundred and thirty signs	76.92	23.08	–
The establishment,		62.78	30.85	6.37
Painting and glazing,	ten houses	44.44	55.56	–
The establishment,		70.42	20.60	8.98
Paints, roof	one gallon	13.33	86.67	–
The establishment,		68.25	29.07	2.68
Pipe, cement	one foot	40.00	60.00	–
The establishment,		19.54	36.92	43.54
Pitch,	one hundred and twenty-five barrels	14.29	71.43	14.28
The establishment,		11.49	80.40	8.11
Refrigerators,	one	50.00	50.00	–
The establishment,		67.62	32.38	–
Roofing, gravel	one hundred feet	16.81	0.33	82.86
The establishment,		16.61	81.62	1.77
Roofing, gravel	one hundred square feet	11.11	88.89	–
The establishment,		37.28	61.39	1.33
Roofing, slate	twenty squares	25.00	75.00	–
The establishment,		38.22	61.78	–
Sashes and blinds,	one hundred and fifty blinds; one hundred window sashes	43.48	47.83	8.69
The establishment,		37.07	60.77	2.16
Signs,	one	60.00	40.00	–
The establishment,		27.03	45.94	27.03
Signs,	one hundred	75.00	25.00	–
The establishment,		55.46	44.54	–
Skylights,	one thousand square feet	50.00	50.00	–
The establishment,		30.98	62.44	6.58
Stair posts,	one dozen	62.50	37.50	–
The establishment,		24.18	66.15	9.67
Stair rails,	one thousand feet	19.35	80.65	–
The establishment,		56.52	36.46	7.02
Stairs,	one flight	56.29	43.71	–
The establishment,		50.59	39.29	10.12
Windows,	one hundred	13.79	86.21	–
The establishment,		38.66	57.07	4.27

BURIAL CASES, CASKETS, COFFINS, ETC.

Burial cases,	one	55.88	44.12	–
The establishment,		67.72	32.28	–
Burial cases, cement	one	40.00	60.00	–
The establishment,		57.07	36.68	6.25
Coffin ornaments,	one gross	40.00	60.00	–
The establishment,		38.46	53.74	7.80
Coffins and caskets,	two hundred	30.85	69.15	–
The establishment,		42.51	47.99	9.50

BUTTONS AND DRESS TRIMMINGS.

Braid, linen	ten thousand yards	33.33	57.14	9.53
The establishment,		35.20	58.60	6.20
Braid, silk and mohair	one gross	16.11	83.89	–
The establishment,		10.26	79.34	10.40

BUTTONS AND DRESS TRIMMINGS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Buttons, cloth-covered	one gross	21.62	56.76	21.62
The establishment,		22.59	72.94	4.47
Buttons, cloth-covered	one hundred gross	28.07	19.30	52.63
The establishment,		29.51	18.71	51.78
Buttons, ivory	one hundred gross	59.70	17.91	22.39
The establishment,		48.21	32.76	19.03
Buttons, metal	twenty-six thousand and forty-eight gross	55.16	38.83	6.01
The establishment,		46.31	37.84	15.85
Buttons, pearl	one hundred gross	76.92	9.62	13.46
The establishment,		59.76	26.35	13.89

CARPETINGS.

Carpeting,	one yard	18.99	81.01	-
The establishment,		20.12	74.91	4.97
Carpeting,	one thousand yards	29.05	70.95	-
The establishment,		24.26	72.96	2.78
Carpeting, Brussels	one yard	17.05	82.95	-
The establishment,		16.19	78.43	5.38
Carpeting, ingrain	one roll	31.01	68.99	-
The establishment,		28.77	66.79	4.44
Carpeting, tapestry	one yard	25.81	74.19	-
The establishment,		28.66	67.00	4.34
Cloth, enamelled	five hundred and fifty-four thousand, six hundred and eight yards	11.17	75.51	13.32
The establishment,		11.05	82.15	6.80
Mats, brush	one dozen	60.00	40.00	-
The establishment,		66.20	30.49	3.31
Mats, brush (cocoa)	one thousand square feet	58.62	41.38	-
The establishment,		30.93	48.74	20.33
Mats, chain-loop	one hundred square feet	38.46	42.31	19.23
The establishment,		29.23	63.61	7.16
Oakum, cotton	one hundred pounds	10.00	83.33	6.67
The establishment,		5.62	94.38	-

CARRIAGES AND WAGONS.

Axles, carriage	ten sets	33.33	66.67	-
The establishment,		31.30	57.00	11.70
Axles, carriage	one thousand	38.89	61.11	-
The establishment,		27.79	64.97	7.24
Bodies, Goddard buggy	one	75.86	13.79	10.35
The establishment,		78.11	15.47	6.42
Bodies, wagon	one	66.67	33.33	-
The establishment,		65.57	27.46	6.97
Buggies, Concord	one	47.62	52.38	-
The establishment,		50.47	44.35	5.18
Buggies, Goddard	one	40.00	60.00	-
The establishment,		58.07	33.06	8.87
Buggies, top	one	55.00	45.00	-
The establishment,		54.26	34.80	10.94
Buggies, top	one	31.67	68.33	-
The establishment,		21.87	64.39	13.74
Cabs,	one hundred	50.00	31.25	18.75
The establishment,		48.84	51.16	-

CARRIAGES AND WAGONS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Cabriolets, extension-top	one	28.24	71.76	–
The establishment,		35.11	62.59	2.30
Carriages,	one	50.00	50.00	–
The establishment,		52.86	38.51	8.63
Carriages,	one	50.00	50.00	–
The establishment,		63.64	36.36	–
Carriages,	one	40.00	60.00	–
The establishment,		49.49	47.85	2.66
Carriages,	one	44.44	55.56	–
The establishment,		54.42	44.42	1.16
Carriages,	one	33.14	62.86	4.00
The establishment,		29.36	70.64	–
Carriages,	one	43.33	56.67	–
The establishment,		47.24	51.79	0.97
Carriages,	one	49.71	50.29	–
The establishment,		57.97	34.78	7.25
Carriages,	one	74.67	25.33	–
The establishment,		87.42	12.58	–
Carriages,	one	40.00	40.00	20.00
The establishment,		45.50	54.50	–
Carriages,	twenty-five	50.00	50.00	–
The establishment,		58.07	34.19	7.74
Carriages,	fifty	42.86	57.14	–
The establishment,		56.68	41.07	2.25
Carriages,	one hundred	15.00	40.00	45.00
The establishment,		15.46	84.54	–
Carts, delivery	one	44.25	55.75	–
The establishment,		50.30	35.42	14.28
Coaches,	one	38.35	61.65	–
The establishment,		55.08	42.58	2.34
Herdics,	one	66.67	33.33	–
The establishment,		85.31	6.41	8.28
Hub caps (for baby carriages),	one pair	34.29	57.14	8.57
The establishment,		33.37	66.63	–
Wagons,	one	63.00	37.00	–
The establishment,		52.22	47.00	0.78
Wagons,	one	50.00	50.00	–
The establishment,		53.41	40.05	6.54
Wagons,	one	44.44	55.56	–
The establishment,		62.83	37.17	–
Wagons,	one	66.67	33.33	–
The establishment,		38.39	48.50	13.11
Wagons,	one	66.67	33.33	–
The establishment,		62.05	37.61	0.34
Wagons,	one	50.00	50.00	–
The establishment,		59.63	34.34	6.03
Wagons, business	ten	45.00	45.00	10.00
The establishment,		29.34	67.85	2.81
Wagons, butcher	one	49.66	13.10	37.24
The establishment,		54.26	42.70	3.04
Wagons, express	one	64.52	32.26	3.22
The establishment,		–	97.56	2.44
Wagons, express	one	25.00	35.00	40.00
The establishment,		35.29	44.24	20.47
Wagons, hose	one	78.67	21.33	–
The establishment,		52.60	38.96	8.44
Wagons, ice	one	48.00	52.00	–
The establishment,		32.85	63.08	4.07
Wheels, carriage	one set	33.33	66.67	–
The establishment,		30.57	50.96	18.47

CARRIAGES AND WAGONS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for —		
		Wages	Raw Materials	Expenses (not specified)
Woodwork, carriage	one piece	57.14	42.86	-
The establishment,		61.35	37.01	1.64
Woodwork, grocery wagon	one	57.50	42.50	-
The establishment,		66.96	23.73	9.31

CEMENT, KAOLIN, LIME, AND PLASTER.

Cement, elastic	one ton	50.00	50.00	-
The establishment,		27.79	71.21	1.00
Flint,	one ton	45.83	54.17	-
The establishment,		31.76	36.40	31.84
Lime,	one barrel	31.43	57.14	11.43
The establishment,		36.09	63.91	-
Lime,	one barrel	22.40	77.60	-
The establishment,		19.45	79.94	0.61
Lime,	ten thousand barrels	27.03	72.97	-
The establishment,		27.03	72.97	-
Lime,	one ton	21.88	78.12	-
The establishment,		40.31	57.02	2.67

CHEMICAL PREPARATIONS (COMPOUNDED).

Disinfectants,	one thousand gallons	4.76	95.24	-
The establishment,		9.27	90.73	-

CLOCKS AND WATCHES.

Mantel clocks,	one hundred clocks	50.00	10.00	40.00
The establishment,		77.06	7.54	15.40

CLOTHING.

Bonnets,	one	20.00	80.00	-
The establishment,		10.15	79.28	10.57
Bows,	one dozen	18.18	81.82	-
The establishment,		19.47	77.89	2.64
Chemises, women's	one dozen	24.00	76.00	-
The establishment,		31.85	53.16	14.99
Cloaks,	one	25.00	75.00	-
The establishment,		23.08	76.92	-
Clothing,	one coat	40.00	40.00	20.00
The establishment,		42.51	38.12	19.37
Clothing,	one suit	34.78	65.22	-
The establishment,		34.27	65.62	0.11
Clothing,	one suit	39.29	60.71	-
The establishment,		43.56	50.81	5.63
Clothing,	one suit	30.77	69.23	-
The establishment,		41.09	58.91	-
Clothing,	one suit	38.64	61.36	-
The establishment,		25.59	74.41	-
Clothing,	one suit	36.00	64.00	-
The establishment,		53.10	46.90	-
Clothing,	one suit	31.85	55.56	12.59
The establishment,		30.58	55.58	13.84

CLOTHING — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Clothing,	one suit	38.46	51.28	10.26
The establishment,		36.77	61.60	1.63
Clothing,	one suit	50.00	50.00	–
The establishment,		33.79	65.83	0.38
Clothing,	one hundred suits	37.50	53.13	9.37
The establishment,		38.26	54.21	7.53
Clothing, custom	one suit	35.03	64.97	–
The establishment,		31.72	60.21	8.07
Clothing, men's	one suit	30.91	49.09	20.00
The establishment,		48.37	49.81	1.82
Clothing, oiled	one piece	30.00	70.00	–
The establishment,		44.36	46.06	9.58
Clothing, oiled	one hundred pieces	52.00	26.67	21.33
The establishment,		43.55	54.30	2.15
Coats,	one	16.29	83.71	–
The establishment,		11.62	83.01	5.37
Corsets and waists,	one dozen	44.13	46.31	9.56
The establishment,		38.93	38.78	22.29
Dresses,	one	20.00	80.00	–
The establishment,		23.08	62.13	14.79
Dresses, silk	eighteen	10.87	89.13	–
The establishment,		20.45	74.10	5.45
Dresses, woollen	one	71.43	28.57	–
The establishment,		19.47	76.64	3.89
Hat bodies,	one dozen	48.61	51.39	–
The establishment,		40.63	54.18	5.19
Hats,	one	20.00	80.00	–
The establishment,		15.00	70.00	15.00
Hats,	one dozen	45.56	50.00	4.44
The establishment,		45.93	31.05	23.02
Hats, bonnets, etc.,		13.04	86.96	–
The establishment,		6.42	64.18	29.40
Hats, wool	twenty-nine thousand, three hundred and five dozen	32.43	66.65	0.92
The establishment,		31.47	64.67	3.86
Hats, wool	one dozen	28.57	71.43	–
The establishment,		27.48	70.95	1.57
Hats, wool	one hundred dozen	33.24	33.52	33.24
The establishment,		34.38	61.37	4.25
Hats, wool	one hundred dozen	25.57	51.43	23.00
The establishment,		30.93	61.94	7.13
Muffs, beaver	twenty-four	13.45	86.55	–
The establishment,		16.11	81.72	2.17
Overalls, duck	fifty dozen	30.31	69.69	–
The establishment,		26.25	61.97	11.78
Overalls, men's	one pair	17.39	82.61	–
The establishment,		16.93	80.41	2.66
Pantaloons,	fifty pairs	16.42	78.47	5.11
The establishment,		5.57	92.21	2.22
Pantaloons,	eighty-three hundred pairs	7.47	63.60	28.93
The establishment,		7.11	81.50	11.39
Roses,	one gross	40.44	59.56	–
The establishment,		50.16	49.84	–
Ruffings,	one hundred boxes	20.00	60.00	20.00
The establishment,		14.70	72.63	12.67
Sacks, sealskin	one	26.04	73.96	–
The establishment,		32.18	66.67	1.15
Sacks, sealskin	one	12.12	87.88	–
The establishment,		13.93	78.64	7.43

CLOTHING — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Shirts,	one dozen	38.33	61.67	–
The establishment,		51.97	48.03	–
Shirts,	one dozen	50.00	50.00	–
The establishment,		35.02	47.37	17.61
Shirts,	one dozen	37.67	51.62	10.71
The establishment,		39.52	56.12	4.36
Shirts, custom	one dozen	69.10	30.90	–
The establishment,		68.44	27.17	4.39
Shirts, custom	one dozen	56.76	43.24	–
The establishment,		31.72	49.32	18.96
Shirts (fine),	one dozen	30.91	69.09	–
The establishment,		24.08	67.34	8.58
Suits,	one	42.86	57.14	–
The establishment,		1.79	93.38	4.83
Suits,	one	40.00	60.00	–
The establishment,		39.39	59.08	1.53
Suits,	one hundred	31.11	68.89	–
The establishment,		13.19	85.94	0.87
Suits,	one	34.78	56.52	8.70
The establishment,		44.83	42.09	13.08
Suits,	one	46.88	53.12	–
The establishment,		43.68	51.28	5.04
Suits, dress	one	31.82	68.18	–
The establishment,		46.60	50.62	2.78
Suits, men's	one	40.00	60.00	–
The establishment,		37.95	40.25	21.80
Supporters, hose	one gross	28.69	57.38	13.93
The establishment,		20.14	75.12	4.74
Suspenders,	ten dozen pairs	33.00	67.00	–
The establishment,		22.51	61.54	15.95
Suspenders,	one dozen pairs	30.40	69.60	–
The establishment,		29.31	69.38	1.31
Suspenders,	one hundred dozen pairs	30.30	60.02	9.68
The establishment,		33.37	61.95	4.68
Suspenders (trimmings for),	one set	45.83	54.17	–
The establishment,		82.17	17.83	–
Umbrellas,	one hundred	15.11	84.89	–
The establishment,		10.77	82.64	6.59
Waists,	one dozen	47.58	48.39	4.03
The establishment,		15.73	71.95	12.32
Wrappers, calico	one dozen	22.22	77.78	–
The establishment,		20.46	77.19	2.35
Wrappers, women's	one hundred dozen	25.00	70.00	5.00
The establishment,		25.13	67.42	7.45
CONCRETE WALKS, PAVING, ETC.				
Concrete,	one hundred yards	70.00	30.00	–
The establishment,		80.55	19.45	–
Sidewalks and driveways,	one hundred yards	57.14	42.86	–
The establishment,		65.26	33.20	1.54
COOKING, LIGHTING, AND HEATING APPARATUS.				
Fire-brick,	one thousand	35.35	51.72	12.93
The establishment,		53.77	33.48	12.75

COOKING, LIGHTING, AND HEATING APPARATUS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Furnaces, hot-air	two hundred	48.13	50.31	1.56
The establishment,		42.22	34.96	22.82
Furnaces, house	one ton	50.00	50.00	–
The establishment,		49.32	43.99	6.69
Lanterns,	one dozen	41.67	58.33	–
The establishment,		49.68	42.90	7.42
Linings, stove	one hundred sets	70.59	29.41	–
The establishment,		46.68	44.82	8.50
Linings, stove	one hundred sets	37.50	37.50	25.00
The establishment,		37.44	42.27	20.29
Linings, stove	one ton	73.68	22.37	3.95
The establishment,		35.27	47.77	16.96
Ranges,	one	66.67	33.33	–
The establishment,		62.70	33.56	3.74
Ranges, portable	one ton	52.71	47.29	–
The establishment,		59.47	36.39	4.14
Reflectors,	one	40.00	10.00	50.00
The establishment,		42.63	21.67	35.70
Registers, hot-air	one hundred	21.43	78.57	–
The establishment,		20.39	76.48	3.13
Repairing stoves,		40.00	60.00	–
The establishment,		66.37	32.43	1.20
Stoves,	one ton	80.95	19.05	–
The establishment,		45.45	49.74	4.81
Stoves and ranges,	one hundred pounds	50.00	50.00	–
The establishment,		64.61	27.90	7.49
Stoves and ranges,	five thousand, two hundred and fifty	51.71	44.85	3.44
The establishment,		51.71	44.85	3.44
Stoves, parlor	one	33.33	66.67	–
The establishment,		56.33	42.51	1.16

CORDAGE AND TWINE.

Cordage,	one thousand pounds	14.29	85.71	–
The establishment,		9.78	82.34	7.88
Cordage, manila	one pound	8.74	91.26	–
The establishment,		8.08	87.79	4.13
Cord and lines, sash	one thousand pounds	13.43	78.70	7.87
The establishment,		26.12	72.22	1.66
Cord, window	one pound	24.29	58.93	16.78
The establishment,		20.80	66.65	12.55
Lines,	twenty-five thousand pounds	25.80	49.44	24.76
The establishment,		28.84	55.67	15.49
Lines and nets,	seven hundred yards	53.33	46.67	–
The establishment,		51.55	48.12	0.33
Rope, manila	one thousand pounds	9.46	85.15	5.39
The establishment,		14.45	78.47	7.08
Rope, manila	twenty thousand pounds	12.12	85.86	2.02
The establishment,		12.70	78.24	9.06
Twine,	one hundred pounds	23.08	76.92	–
The establishment,		36.32	40.84	22.84
Twine, binder	one pound	7.69	92.31	–
The establishment,		8.14	82.56	9.30
Twine, linen	ten pounds	22.73	68.18	9.09
The establishment,		34.87	63.62	1.51

COTTON GOODS.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Blankets, cotton	ten cases	20.88	52.94	26.18
The establishment,		27.60	63.58	8.82
Cloth, cotton	one pound	23.06	76.94	–
The establishment,		25.81	71.94	2.25
Cloth, cotton	one pound	56.29	43.71	–
The establishment,		36.84	50.72	12.44
Cloth, cotton	one hundred thousand yards	17.97	68.20	13.83
The establishment,		21.47	74.87	3.66
Cloth, cotton	one pound	24.46	63.34	12.20
The establishment,		28.69	65.63	5.68
Cloth, cotton	one pound	30.00	58.00	12.00
The establishment,		32.12	59.55	8.33
Cloth, cotton	one hundred and seventy-six thousand, four hundred and fifty pounds	28.07	71.93	–
The establishment,		28.55	59.04	12.41
Cloth, cotton	eight hundred and fifty-two thousand, four hundred and ninety-two pounds	31.65	54.36	13.99
The establishment,		33.72	60.49	5.79
Cloth, unbleached	five thousand pounds	34.61	53.84	11.55
The establishment,		27.89	61.37	10.74
Cotton, fancy	one pound	39.97	60.03	–
The establishment,		44.81	49.62	5.57
Cotton goods,	one thousand yards	34.67	44.00	21.33
The establishment,		33.27	61.47	5.26
Cotton goods,	one thousand yards	22.89	51.81	25.30
The establishment,		35.42	61.42	3.16
Cotton goods,	one yard	31.04	51.72	17.24
The establishment,		33.04	53.05	13.91
Cotton goods, colored	one pound	36.42	63.58	–
The establishment,		35.12	60.24	4.64
Denim, blue	one hundred yards	25.58	60.51	13.91
The establishment,		29.78	65.42	4.80
Dress goods, cotton	one yard	41.67	50.00	8.33
The establishment,		31.83	53.34	14.83
Duck, belting	seven thousand, nine hundred and eighty yards	19.36	69.41	11.23
The establishment,		21.32	76.88	1.80
Duck, cotton	one thousand yards	21.05	73.69	5.26
The establishment,		24.55	69.74	5.71
Duck, cotton	one thousand pounds	25.21	74.79	–
The establishment,		23.12	71.99	4.89
Flannel and sheeting, cotton	one million, nine hundred and thirty-one thousand, two hundred and seven pounds	18.46	59.72	21.82
The establishment,		27.53	64.33	8.14
Gingham,	one yard	28.57	71.43	–
The establishment,		37.46	58.89	3.65
Gingham,	one pound	42.82	50.12	7.06
The establishment,		44.09	45.16	10.75
Gingham, fancy	one hundred yards	38.56	43.96	17.48
The establishment,		42.23	54.31	3.46
Jean, cotton	ten thousand yards	31.45	53.14	15.41
The establishment,		31.69	65.22	3.09
Lace, bed	five thousand gross yards	26.32	68.42	5.26
The establishment,		44.03	49.38	6.59
Nainsook,	one hundred yards	40.91	45.45	13.64
The establishment,		44.49	48.43	7.08
Print cloth,	ten thousand pounds	31.16	68.84	–
The establishment,		32.47	62.70	4.83

COTTON GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Print cloth,	one thousand pounds	39.89	60.11	–
The establishment,		28.70	66.90	4.40
Print cloth,	one yard	28.79	58.22	12.99
The establishment,		28.72	61.03	10.25
Print cloth,	one yard	29.09	54.55	16.36
The establishment,		26.95	67.03	6.02
Print cloth,	one yard	20.00	40.00	40.00
The establishment,		32.77	62.29	4.94
Print cloth,	one yard	32.26	65.57	2.17
The establishment,		63.17	34.28	2.55
Print cloth,	one thousand yards	29.44	60.80	9.76
The establishment,		27.27	65.10	7.63
Print cloth,	one hundred thousand yards	30.75	62.22	7.03
The establishment,		29.32	63.41	7.27
Print cloth,	one pound	31.14	45.82	23.04
The establishment,		30.30	64.79	4.91
Print cloth,	one pound	30.01	69.99	–
The establishment,		27.34	70.94	1.72
Print cloth,	one pound	32.24	67.76	–
The establishment,		30.75	62.42	6.83
Print cloth,	one pound	28.87	71.13	–
The establishment,		25.84	72.50	1.66
Print cloth,	one pound	28.57	61.91	9.52
The establishment,		29.96	61.96	8.08
Print cloth,	one pound	31.94	48.39	19.67
The establishment,		31.35	61.66	6.99
Print cloth,	one thousand pounds	27.11	67.56	5.33
The establishment,		26.69	65.24	8.07
Print cloth,	one thousand pounds	28.86	56.45	14.69
The establishment,		28.59	65.55	5.86
Print cloth,	forty-five thousand pounds	28.57	71.43	–
The establishment,		27.27	67.12	5.61
Print cloth,	one hundred thousand pounds	28.67	57.03	14.30
The establishment,		28.77	69.14	2.09
Print cloth,	four hundred and forty-six thousand, five hundred and fifteen pounds	30.99	56.12	12.89
The establishment,		26.71	68.59	4.70
Print cloth,	three million, six hundred and twenty-six thousand, two hundred and seventy-four pounds	30.39	58.08	11.53
The establishment,		21.45	67.43	11.12
Print cloth,	one yard	30.94	59.06	10.00
The establishment,		29.91	59.34	10.75
Print cloth,	one yard	29.56	57.55	12.89
The establishment,		31.57	63.67	4.76
Print cloth,	one hundred pounds	27.11	60.00	12.89
The establishment,		27.15	66.48	6.37
Print cloth,	one hundred thousand pounds	28.23	71.77	–
The establishment,		26.92	67.60	5.48
Scrim, cotton	fifty pieces	26.47	73.53	–
The establishment,		27.18	67.21	5.61
Sheeting,	three hundred thousand pounds	19.54	45.91	34.55
The establishment,		26.87	66.59	6.54
Sheeting,	ten thousand pounds	32.00	61.04	6.96
The establishment,		35.11	60.87	4.02
Sheeting,	ten thousand pounds	33.61	63.67	2.72
The establishment,		34.42	61.94	3.64

COTTON GOODS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Sheeting,	ten thousand pounds	30.77	59.54	9.69
The establishment,		33.70	63.15	3.15
Sheeting,	ten thousand pounds	28.54	53.90	17.56
The establishment,		32.97	63.90	3.13
Sheeting,	five million, eight hundred and sixty-one thousand, two hundred and ninety-six pounds	18.89	61.89	19.22
The establishment,		22.43	64.87	12.70
Shirting,	three hundred and forty thousand pounds	34.74	48.42	16.84
The establishment,		32.99	60.82	6.19
Shirting, cotton	one pound	33.33	66.67	–
The establishment,		33.63	62.38	3.99
Stockinet,	one pound	16.67	77.78	5.55
The establishment,		14.90	80.07	5.03
Tapes and webbing,	fifty-one thousand, nine hundred and three gross	28.73	71.27	–
The establishment,		26.20	65.01	8.79
Thread and yarn,	one pound	43.65	53.79	2.56
The establishment,		40.20	52.26	7.54
Ticking,	one pound	23.64	51.66	24.70
The establishment,		36.44	57.36	6.20
Ticking,	one hundred pounds	28.06	57.91	14.03
The establishment,		26.96	54.64	18.40
Twine and warp,	one hundred pounds	11.00	89.00	–
The establishment,		18.72	77.86	3.42
Warp, cotton	one yard	24.56	66.67	8.77
The establishment,		25.29	72.33	2.38
Warp, cotton	two hundred and twenty-six thousand, eight hundred yards	33.03	66.97	–
The establishment,		23.66	47.99	28.35
Warp, cotton	one pound	21.25	78.75	–
The establishment,		19.82	74.33	5.85
Warp, cotton	one hundred pounds	22.73	59.09	18.18
The establishment,		22.68	71.16	6.16
Warp, cotton	three hundred and eighty-five thousand, seven hundred and sixty-seven pounds	23.32	61.47	15.21
The establishment,		26.42	69.64	3.94
Warp, satinet	one thousand yards	20.00	80.00	–
The establishment,		24.80	71.91	3.29
Yarn,	one pound	30.77	57.69	11.54
The establishment,		23.75	69.54	6.71
Yarn,	one pound	16.22	75.67	8.11
The establishment,		19.02	72.39	8.59
Yarn, cotton	one hundred pounds	19.45	76.72	3.83
The establishment,		17.96	77.83	4.21
Yarn, cotton	one hundred pounds	26.83	73.17	–
The establishment,		25.84	70.58	3.58
Yarn, cotton	one hundred pounds	17.33	82.67	–
The establishment,		11.19	83.08	5.73
Yarn, cotton	one thousand pounds	31.15	45.90	22.95
The establishment,		25.25	62.83	11.92
Yarn and thread,	one pound	20.13	63.35	16.52
The establishment,		21.61	71.85	6.54

COTTON, WOOLLEN, AND OTHER TEXTILES.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Cassimeres, fancy	six hundred and seventy-five thousand, seven hundred and fifty-three yards	31.90	68.10	–
The establishment,		32.64	65.42	1.94

CRAYONS, PENCILS, CRUCIBLES, ETC.

Crayons, school	five hundred thousand	50.00	20.00	30.00
The establishment,		61.69	30.85	7.46
Whitewash blocks,	one thousand	64.29	35.71	–
The establishment,		53.50	44.73	1.77

DRUGS AND MEDICINES.

Asthma remedy,	one gross bottles	6.67	93.33	–
The establishment,		10.67	61.50	27.83
Beer, root	twenty gallons	3.33	96.67	–
The establishment,		–	50.10	49.90
Blood purifier,	one gross bottles	15.31	36.73	47.96
The establishment,		16.35	73.80	9.85
Dover's powder,	ten pounds	21.13	78.87	–
The establishment,		–	100.00	–
Emulsion,	one gross bottles	22.22	77.78	–
The establishment,		30.28	62.10	7.62
Essences,	one dozen bottles	20.00	80.00	–
The establishment,		–	76.44	23.56
Liniment,	four thousand bottles	62.50	37.50	–
The establishment,		25.09	72.90	2.01
Lotion, glycerine	one dozen bottles	16.67	83.33	–
The establishment,		–	100.00	–
Patent medicines,	one gross bottles	65.00	13.50	21.50
The establishment,		–	98.59	1.41
Patent medicines,	four hundred and thirty bottles	86.49	13.51	–
The establishment,		86.49	13.51	–
Roots and herbs,	one ton	16.67	83.33	–
The establishment,		16.34	81.70	1.96
Salve,	one gross boxes	11.75	41.67	46.58
The establishment,		16.52	58.99	24.49

DYESTUFFS.

Acid, sulphuric	one ton	14.67	53.11	32.22
The establishment,		19.19	66.48	14.33
Blue, laundry	twenty-four thousand and ninety-two gross	13.09	15.65	71.26
The establishment,		21.86	59.06	19.08

EARTHEN, PLASTER, AND STONE WARE.

Earthenware,	one kiln	65.00	25.00	10.00
The establishment,		65.66	28.42	5.92
Flower pots,	one thousand	87.50	12.50	–
The establishment,		57.85	25.92	16.23

EARTHEN, PLASTER, AND STONE WARE — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Flower pots,	one million	21.33	11.87	66.80
The establishment,		57.55	32.02	10.43
Gallon jugs,	one dozen	50.00	12.00	38.00
The establishment,		44.82	35.63	19.55
Terra cotta,	fourteen hundred tons	73.73	26.27	–
The establishment,		68.39	24.36	7.25
ELECTRICAL APPARATUS AND APPLIANCES.				
Bells, electric	one hundred	67.35	32.65	–
The establishment,		46.94	48.96	4.10
Telephones and transmitters,	one thousand pairs	21.98	58.05	19.97
The establishment,		45.44	42.41	12.15
ELECTROPLATING.				
Forks,	one dozen	35.72	53.57	10.71
The establishment,		27.50	21.83	50.67
EMERY AND SAND PAPER AND CLOTH, ETC.				
Corundum,	one ton	20.00	38.10	41.90
The establishment,		25.73	73.00	1.27
Emery,	one ton	20.83	79.17	–
The establishment,		17.85	64.44	17.71
Emery and corundum wheels,	sixty-four	47.68	20.53	31.79
The establishment,		36.60	32.28	31.12
Grinders, tool	one	60.00	40.00	–
The establishment,		35.43	41.43	23.14
FANCY ARTICLES.				
Razor strops,	one gross	50.00	25.00	25.00
The establishment,		56.65	26.33	17.02
FERTILIZERS.				
Fertilizers,	one ton	20.00	80.00	–
The establishment,		16.65	80.47	2.88
Fertilizers,	ninety tons	15.00	70.00	15.00
The establishment,		17.00	81.58	1.42
Guano,	one ton	8.30	81.50	10.20
The establishment,		7.65	87.15	5.20
Phosphate,	one ton	14.29	85.71	–
The establishment,		12.53	86.88	0.59
FLAX, HEMP, AND JUTE GOODS.				
Bagging,	one yard	24.10	75.90	–
The establishment,		21.58	72.39	6.03
Bagging,	one yard	24.10	75.90	–
The establishment,		22.11	69.85	8.04
Cloth, gunny	one hundred yards	14.71	61.76	23.53
The establishment,		23.44	69.76	6.80

FOOD PREPARATIONS.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Bread,	one loaf	42.86	57.14	–
The establishment,		40.78	52.29	6.93
Bread,	one loaf	12.50	87.50	–
The establishment,		13.10	86.90	–
Bread,	one loaf	25.00	75.00	–
The establishment,		19.22	68.71	12.07
Bread,	one hundred loaves	50.00	50.00	–
The establishment,		27.66	71.28	1.06
Bread,	one hundred and fifteen loaves	26.14	73.86	–
The establishment,		27.40	68.49	4.11
Bread,	one hundred and fifty loaves	16.67	66.66	16.67
The establishment,		31.61	68.39	–
Bread,	two hundred loaves	14.81	48.15	37.04
The establishment,		23.48	66.97	9.55
Bread,	four hundred loaves	25.00	75.00	–
The establishment,		28.95	58.11	12.94
Bread,	fifty-two thousand loaves	15.45	84.55	–
The establishment,		12.63	68.57	18.80
Bread,	one hundred and twenty thousand loaves	16.86	83.14	–
The establishment,		15.56	81.14	3.30
Bread,	three hundred pounds	41.67	58.33	–
The establishment,		30.77	69.23	–
Bread,	three hundred pounds	34.68	65.32	–
The establishment,		23.82	66.91	9.27
Bread, white	twelve hundred loaves	28.85	64.10	7.05
The establishment,		31.05	67.69	1.26
Bread and cookies,	eighty-six thousand, four hundred cookies; sixty-two thousand, four hundred loaves	15.93	84.07	–
The establishment,		15.93	84.07	–
Bread, cake, and crackers,	sixty tons	16.65	83.35	–
The establishment,		16.52	82.71	0.77
Butter,	one pound	10.00	10.00	80.00
The establishment,		10.00	10.00	80.00
Butter,	two thousand pounds	10.00	90.00	–
The establishment,		8.61	90.42	0.97
Candy,	one pound	30.00	70.00	–
The establishment,		–	100.00	–
Candy,	one hundred pounds	21.05	78.95	–
The establishment,		13.25	81.43	5.32
Candy,	one hundred pounds	22.22	77.78	–
The establishment,		12.28	80.83	6.89
Candy,	four thousand pounds	31.25	68.75	–
The establishment,		29.13	70.87	–
Candy, broken	one thousand pounds	8.50	87.50	4.00
The establishment,		12.45	78.82	8.73
Candy, common	one pound	18.75	81.25	–
The establishment,		18.61	66.16	15.23
Candy, molasses	ten pounds	31.25	68.75	–
The establishment,		27.50	52.86	19.64
Canned goods,	two hundred dozen	14.06	72.92	13.02
The establishment,		22.79	73.19	4.02
Caramels,	seventy-two thousand pounds	17.85	82.15	–
The establishment,		21.43	66.41	12.16
Cheese,	one hundred pounds	50.00	50.00	–
The establishment,		67.03	32.97	–
Chocolate,	one hundred pounds	14.15	52.08	33.77
The establishment,		31.25	57.92	10.83

FOOD PREPARATIONS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Cod, boneless	one pound	6.11	93.89	–
The establishment,		6.00	94.00	–
Cod, boneless	one hundred pounds	8.33	91.67	–
The establishment,		12.62	84.21	3.17
Cod, boneless	one thousand pounds	7.22	85.56	7.22
The establishment,		13.34	85.66	1.00
Cod, boneless	one thousand pounds	7.22	85.56	7.22
The establishment,		6.91	91.51	1.58
Cod, boneless	eighty-nine thousand, six hundred pounds	20.00	80.00	–
The establishment,		30.82	65.11	4.07
Cod, boneless	two hundred thousand pounds	4.76	95.24	–
The establishment,		4.76	95.24	–
Cod, boneless	one million, five hundred and seventy-five thousand pounds	9.82	66.14	24.04
The establishment,		12.92	87.08	–
Coffee, ground and roasted	one hundred pounds	8.70	91.30	–
The establishment,		3.68	93.72	2.60
Confectionery,	one hundred pounds	17.65	82.35	–
The establishment,		31.25	68.75	–
Cough drops,	forty-nine thousand, one hundred and fifty pounds	18.89	81.11	–
The establishment,		16.13	69.32	14.55
Crackers,	twenty barrels	16.87	83.13	–
The establishment,		29.27	64.05	6.68
Crackers,	two thousand pounds	19.11	70.06	10.83
The establishment,		19.57	72.75	7.68
Crackers,	one barrel	0.30	2.10	97.60
The establishment,		10.64	89.36	–
Crackers,	one barrel	14.29	85.71	–
The establishment,		14.17	83.84	1.99
Crackers,	one barrel	17.71	82.29	–
The establishment,		21.15	74.45	4.40
Crackers,	twelve thousand, three hundred and thirteen barrels	13.65	82.40	3.95
The establishment,		21.67	77.80	0.53
Crackers, water	one hundred pounds	38.46	61.54	–
The establishment,		53.13	40.47	6.40
Essences,	one gross bottles	8.33	91.67	–
The establishment,		35.18	62.26	2.56
Extracts, flavoring	one gross bottles	8.33	91.67	–
The establishment,		12.07	81.89	6.04
Feed and meal,	one ton	2.17	91.31	6.52
The establishment,		11.84	87.15	1.01
Flour,	one barrel	4.76	95.24	–
The establishment,		3.35	95.07	1.58
Grinding grain,	one bushel	66.67	33.33	–
The establishment,		–	3.65	96.35
Gum, chewing	one box	34.78	56.52	8.70
The establishment,		28.28	71.72	–
Hog products,	one hundred pounds	1.71	98.29	–
The establishment,		4.34	94.81	0.85
Ice,	one ton	66.67	33.33	–
The establishment,		82.75	6.72	10.53
Ice cream,	one quart	15.00	85.00	–
The establishment,		–	65.79	34.21
Ice cream,	one gallon	25.00	75.00	–
The establishment,		19.61	78.43	1.96

FOOD PREPARATIONS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Ice cream,	one gallon	8.33	83.34	8.33
The establishment,		33.03	49.37	17.60
Meal,	one hundred pounds	1.74	95.65	2.61
The establishment,		3.60	93.83	2.57
Meal,	ten bags	1.80	92.43	5.77
The establishment,		22.77	66.53	10.70
Meal,	one bushel	2.14	85.72	12.14
The establishment,		5.03	93.79	1.18
Meal,	one bushel	7.41	92.59	–
The establishment,		17.31	80.76	1.93
Meal,	one bushel	3.57	96.43	–
The establishment,		3.51	93.79	2.70
Meal, corn	one hundred bags	5.77	94.23	–
The establishment,		5.65	92.74	1.61
Meal, corn	one bushel	17.24	82.76	–
The establishment,		6.85	92.41	0.74
Meal, corn	one ton	9.83	90.17	–
The establishment,		14.94	81.66	3.40
Meal, corn	one ton	2.38	95.24	2.38
The establishment,		9.30	89.77	0.93
Meal, ground	one hundred pounds	2.86	95.24	1.90
The establishment,		5.35	93.25	1.40
Peppermint drops,	one ton	15.00	75.00	10.00
The establishment,		23.13	75.27	1.60
Pickles,	ten barrels	15.38	84.62	–
The establishment,		8.28	87.15	4.57
Sausages,	one hundred pounds	11.11	88.89	–
The establishment,		20.15	77.08	2.77
Tomatoes, canned	one dozen	11.01	88.99	–
The establishment,		35.03	62.39	2.58
Tomatoes, canned	one thousand dozen	80.00	20.00	–
The establishment,		26.14	69.82	4.04
Vinegar,	one barrel	50.00	50.00	–
The establishment,		27.63	65.23	7.14
Vinegar, cider	six hundred barrels	14.29	57.14	28.57
The establishment,		28.30	56.60	15.10
Yeast, compressed	one hundred pounds	24.00	76.00	–
The establishment,		22.42	77.58	–

FURNITURE.

Beds, cabinet	one	47.14	52.86	–
The establishment,		53.93	38.05	8.02
Beds, spring	one	16.67	83.33	–
The establishment,		33.33	66.67	–
Beds, spring	one	16.67	83.33	–
The establishment,		25.99	67.06	6.95
Beds, spring	one hundred	26.09	73.91	–
The establishment,		27.19	66.74	6.07
Beds, spring	one hundred	18.75	81.25	–
The establishment,		29.54	65.44	5.02
Bent stock (for chairs),	eighty thousand, eight hundred and twenty-three bows	57.08	42.92	–
The establishment,		48.81	39.01	12.18
Blinds,	fifteen hundred pairs	37.50	62.50	–
The establishment,		40.35	48.21	11.44
Bureaus,	one hundred	33.33	61.34	5.33
The establishment,		66.23	33.77	–

FURNITURE — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Burial caskets,	one	20.89	68.66	10.45
The establishment,		37.19	31.79	31.02
Chairs,	one	26.67	73.33	–
The establishment,		26.26	72.17	1.57
Chairs,	one	67.69	32.31	–
The establishment,		44.86	49.81	5.33
Chairs,	twenty-four hundred and forty-eight	58.56	41.44	–
The establishment,		58.56	41.44	–
Chairs,	eighty thousand	18.75	41.67	39.58
The establishment,		30.30	68.35	1.35
Chairs,	one dozen	40.00	45.00	15.00
The establishment,		38.15	61.85	–
Chairs,	one hundred dozen	36.71	58.23	5.06
The establishment,		30.98	49.78	19.24
Chairs,	ten dozen	58.33	41.67	–
The establishment,		54.66	37.22	8.12
Chairs, cane-seat	one hundred dozen	38.68	61.32	–
The establishment,		26.36	65.86	7.78
Chairs, cane-seat	one hundred dozen	33.33	41.69	24.98
The establishment,		41.44	49.34	9.22
Chairs, Grecian	one hundred dozen	31.90	57.86	10.24
The establishment,		41.36	52.76	5.88
Chairs, rocking	one hundred	35.87	64.13	–
The establishment,		43.90	54.08	2.02
Desks,	one	41.67	58.33	–
The establishment,		42.36	50.06	7.58
Desks, parlor	one	40.00	60.00	–
The establishment,		46.89	32.86	20.25
Desks and seats, school	one	45.45	54.55	–
The establishment,		46.17	50.78	3.05
Earth closets,	ninety	41.67	33.33	25.00
The establishment,		49.53	44.15	6.32
Frames, parlor furniture	one suit	45.06	28.53	26.41
The establishment,		55.90	29.05	15.05
Furniture, chamber	one suit	44.44	55.56	–
The establishment,		56.54	34.23	9.23
Furniture, chamber	one suit	58.82	41.18	–
The establishment,		64.77	34.78	0.45
Furniture, chamber	one suit	20.20	79.80	–
The establishment,		19.16	75.66	5.18
Furniture, chamber	one suit	50.00	50.00	–
The establishment,		31.29	40.23	28.48
Furniture, chamber	one suit	11.55	55.56	32.89
The establishment,		42.12	41.47	16.41
Furniture, chamber	three hundred suits	33.33	20.00	46.67
The establishment,		52.53	42.70	4.77
Furniture, chamber (pine, painted)	one suit	16.79	83.21	–
The establishment,		17.95	79.67	2.38
Furniture, parlor	one suit	71.96	28.04	–
The establishment,		46.62	34.97	18.41
Furniture, parlor	one suit	15.48	69.19	15.33
The establishment,		38.60	41.98	19.42
Furniture, parlor	one suit	21.17	60.00	18.83
The establishment,		30.49	62.55	6.96
Furniture, parlor	one suit	30.00	70.00	–
The establishment,		27.57	72.43	–
Furniture, parlor	one suit	15.48	69.19	15.33
The establishment,		38.60	41.98	19.42

FURNITURE — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Mantels, wood	forty	60.00	40.00	–
The establishment,		38.78	51.33	9.89
Mattresses,	one	20.00	68.50	11.50
The establishment,		12.95	74.72	12.33
Mattresses, hair	one	4.09	95.91	–
The establishment,		43.93	36.86	19.21
Mattresses, spring	one hundred and eighty	37.78	59.44	2.78
The establishment,		34.96	55.14	9.90
Mattresses, wire	one	27.81	72.19	–
The establishment,		35.18	49.02	15.80
Mattresses, woven-wire	one dozen	23.33	76.67	–
The establishment,		29.18	57.76	13.06
Refrigerators,	one	13.64	86.36	–
The establishment,		69.72	19.89	10.39
Refrigerators,	one	28.57	71.43	–
The establishment,		49.10	46.64	4.26
Refrigerators,	one	58.82	41.18	–
The establishment,		18.39	78.34	3.27
Secretaries,	one	60.00	40.00	–
The establishment,		40.03	46.04	13.93
Slides, drawer	one set	75.00	25.00	–
The establishment,		61.22	20.41	18.37
Springs, furniture	one gross	15.39	76.92	7.69
The establishment,		20.65	48.08	31.27
Tables,	one	76.00	24.00	–
The establishment,		68.51	25.26	6.23
Tables, extension	one	38.10	61.90	–
The establishment,		49.65	44.65	5.70
Towel racks,	six hundred	33.34	33.33	33.33
The establishment,		26.58	60.93	12.49
Towel racks,	ten dozen	66.67	33.33	–
The establishment,		59.30	35.78	4.92

GLASS.

Homeopathic vials,	one hundred gross	32.84	67.16	–
The establishment,		61.76	38.17	0.07

GLUE, ISINGLASS, AND STARCH.

Glue,	one pound	21.43	78.57	–
The establishment,		21.54	74.38	4.08
Glue,	one pound	18.18	81.82	–
The establishment,		18.18	81.82	–
Glue,	one ton	23.08	76.92	–
The establishment,		17.71	81.34	0.95
Glue,	one hundred and fifty tons	10.41	86.80	2.79
The establishment,		10.41	86.80	2.79
Isinglass,	one pound	6.58	78.95	14.47
The establishment,		7.00	92.75	0.25
Isinglass, ribbon	one pound	11.76	88.24	–
The establishment,		11.94	85.85	2.21
Starch,	one barrel	18.55	81.45	–
The establishment,		18.32	80.43	1.25

HAIR WORK (ANIMAL AND HUMAN).

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Hair, curled	one thousand pounds	12.07	87.93	–
The establishment,		11.96	85.61	2.43
Wigs,	one	50.00	33.33	16.67
The establishment,		61.26	11.48	27.26

HOSIERY AND KNIT GOODS.

Cardigan jackets,	one dozen	20.69	58.62	20.69
The establishment,		22.92	75.80	1.28
Cloths, knitted	two hundred yards	40.00	60.00	–
The establishment,		19.82	79.39	0.79
Hose, half	one dozen pairs	37.50	62.50	–
The establishment,		33.86	57.74	8.40
Hosiery,	one dozen pairs	44.44	55.56	–
The establishment,		34.54	42.40	23.06
Hosiery,	one dozen pairs	58.33	25.00	16.67
The establishment,		63.66	26.92	9.42
Hosiery,	one dozen pairs	37.50	50.00	12.50
The establishment,		44.35	45.99	9.66
Hosiery,	one dozen pairs	33.33	66.67	–
The establishment,		14.97	50.74	34.29
Hosiery, children's	one hundred dozen pairs	48.48	51.52	–
The establishment,		46.50	47.98	5.52
Hosiery, cotton (plain)	one hundred thousand dozen pairs	33.18	41.09	25.73
The establishment,		38.63	46.79	14.58
Jersey cloth,	seven hundred and seventy-eight yards	10.91	83.79	5.30
The establishment,		8.79	89.36	1.85
Shirts, infants'	one hundred dozen	42.86	57.14	–
The establishment,		40.18	49.55	10.27
Stockings,	one dozen pairs	28.92	40.96	30.12
The establishment,		38.77	55.42	5.81
Stockings, cotton (white)	one thousand dozen pairs	53.27	34.00	12.73
The establishment,		34.60	53.67	11.73
Underwear, gauze	forty dozen	29.00	71.00	–
The establishment,		38.02	58.77	3.21
Underwear, knit	four hundred dozen	23.90	60.10	16.00
The establishment,		17.48	81.26	1.26

INK, MUCILAGE, AND PASTE.

Flour paste,	one barrel	10.71	89.29	–
The establishment,		24.56	67.35	8.09

IVORY, BONE, SHELL, AND HORN GOODS, ETC.

Buttons, rubber	one thousand gross	66.67	33.33	–
The establishment,		58.64	34.26	7.10
Buttons, suspender	one thousand great gross	44.44	55.56	–
The establishment,		31.59	59.18	9.23
Combs,	one gross	75.00	25.00	–
The establishment,		66.12	28.10	5.78
Combs,	ten gross	55.56	33.33	11.11
The establishment,		51.45	42.59	5.96

IVORY, BONE, SHELL, AND HORN GOODS, ETC. — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Combs,	twelve hundred gross	34.94	59.40	5.66
The establishment,		35.41	58.22	6.37
Combs, fancy	ten gross	50.00	50.00	–
The establishment,		66.99	29.82	3.19
Combs,	one dozen	30.00	70.00	–
The establishment,		15.50	82.59	1.91
Hair ornaments,	one hundred gross	66.67	33.33	–
The establishment,		69.12	22.24	8.64
Plastic compound,	one pound	40.00	60.00	–
The establishment,		31.13	54.69	14.18

LEATHER.

Bags, feed	five thousand	21.91	78.09	–
The establishment,		16.92	60.28	22.80
Belting,	one hundred feet	24.79	75.21	–
The establishment,		8.46	91.54	–
Belting, leather	one hundred pounds	33.87	66.13	–
The establishment,		10.44	82.00	7.56
Grinding bark,	one cord	11.74	88.26	–
The establishment,		63.11	29.04	7.85
Hames,	one pair	25.00	50.00	25.00
The establishment,		82.08	12.26	5.66
Harnesses,	one	50.00	50.00	–
The establishment,		32.05	54.87	13.08
Harnesses,	one	42.86	57.14	–
The establishment,		31.16	68.12	0.72
Harnesses,	one	28.57	71.43	–
The establishment,		–	100.00	–
Harnesses,	one	25.00	75.00	–
The establishment,		34.01	64.56	1.43
Harnesses,	one	31.82	68.18	–
The establishment,		3.26	96.74	–
Harnesses,	one	40.00	60.00	–
The establishment,		33.50	50.51	15.99
Harnesses,	one	50.00	50.00	–
The establishment,		64.35	33.59	2.06
Harnesses,	one	30.00	67.50	2.50
The establishment,		22.73	50.00	27.27
Harnesses,	one	66.67	33.33	–
The establishment,		36.20	49.85	13.95
Harnesses,	one	24.00	76.00	–
The establishment,		25.44	69.70	4.86
Harnesses,	one	33.33	66.67	–
The establishment,		37.45	33.81	28.74
Harnesses,	one	31.92	53.19	14.89
The establishment,		30.97	61.13	7.90
Harnesses,	five	43.48	34.78	21.74
The establishment,		25.95	51.90	22.15
Harnesses,	ten	32.50	37.50	30.00
The establishment,		24.53	75.47	–
Harnesses,	fifteen	50.00	50.00	–
The establishment,		28.57	71.43	–
Harnesses,	forty	31.25	68.75	–
The establishment,		45.09	53.29	1.62
Harnesses,	fifty	46.67	33.33	20.00
The establishment,		37.04	55.55	7.41

LEATHER — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for —		
		Wages	Raw Materials	Expenses (not specified)
Harnesses, light (nickel-plated)	one	26.67	66.67	6.66
The establishment,		21.87	77.84	0.29
Horse collars,	one dozen	26.09	73.91	–
The establishment,		21.61	64.32	14.07
Horse collars,	one dozen	40.00	40.00	20.00
The establishment,		56.00	34.76	9.24
Horse collars,	three hundred and fifty dozen	33.52	59.26	7.22
The establishment,		50.89	49.11	–
Inner soles, canvas	one thousand sheets	5.26	94.74	–
The establishment,		20.07	75.83	4.10
Leather,	one million, two hundred thousand feet	8.88	91.12	–
The establishment,		7.97	81.76	10.27
Leather,	five hundred and sixty thousand pounds	10.27	87.79	1.94
The establishment,		10.05	85.94	4.01
Leather,	one ton	6.98	9.30	83.72
The establishment,		8.90	91.10	–
Leather,	one hundred sides	68.96	22.99	8.05
The establishment,		6.65	93.28	0.07
Leather,	one hundred sides	7.30	92.70	–
The establishment,		15.68	83.84	0.48
Leather,	one hundred sides	37.50	62.50	–
The establishment,		20.54	78.32	1.14
Leather,	twenty-five thousand sides	12.41	87.59	–
The establishment,		12.33	87.06	0.61
Leather, buff	one side	20.00	80.00	–
The establishment,		16.58	81.22	2.20
Leather, calfskin	one pound	7.94	11.11	80.95
The establishment,		16.20	83.36	0.44
Leather, calfskin	sixty-three thousand, one hundred and two pounds	13.63	86.37	–
The establishment,		13.56	85.93	0.51
Leather, calfskin (glove)	one dozen	17.86	77.38	4.76
The establishment,		41.33	55.24	3.43
Leather, card	two sides	10.98	89.02	–
The establishment,		8.32	84.75	6.93
Leather, goat and sheepskin	ten thousand dozen	20.90	79.10	–
The establishment,		20.05	77.49	2.46
Leather, grain	two thousand, two hundred and fifty feet	13.76	83.00	3.24
The establishment,		9.03	89.18	1.79
Leather, grain	twelve hundred sides	16.00	84.00	–
The establishment,		12.14	87.35	0.51
Leather, grain (glove)	one thousand feet	17.39	82.61	–
The establishment,		11.38	87.07	1.55
Leather, grain (Polish)	one side	14.29	2.38	83.33
The establishment,		8.55	90.22	1.23
Leather, kid (hand-gloved)	one dozen	27.71	72.29	–
The establishment,		23.59	74.97	1.44
Leather, kip	one hundred feet	30.51	69.49	–
The establishment,		11.95	86.94	1.11
Leather, kip	one hundred feet	28.57	71.43	–
The establishment,		13.81	83.11	3.08
Leather, morocco	one dozen	26.47	73.53	–
The establishment,		42.18	52.07	5.75
Leather, morocco	one dozen	22.33	77.67	–
The establishment,		20.87	78.18	0.95

LEATHER — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Leather, patent	one side	16.98	83.02	–
The establishment,		6.55	93.19	0.26
Leather, russet	one side	15.02	84.98	–
The establishment,		18.58	66.95	14.47
Leather, sheepskin	one dozen	24.00	6.00	70.00
The establishment,		22.28	77.72	–
Leather, sheepskin	one dozen	17.65	82.35	–
The establishment,		12.73	84.85	2.42
Leather, sheepskin	one dozen	27.00	70.00	3.00
The establishment,		29.18	67.86	2.96
Leather, split	one pound	16.19	83.81	–
The establishment,		15.24	82.86	1.90
Leather, split	one pound	20.15	79.59	0.26
The establishment,		15.16	83.04	1.80
Leather, split	one ton	8.89	91.11	–
The establishment,		8.87	90.86	0.27
Leather, upper	ten thousand sides	11.54	88.46	–
The establishment,		11.49	88.07	0.44
Leather, wax	one foot	23.53	76.47	–
The establishment,		12.13	86.84	1.03
Leather-board,	one ton	12.50	75.00	12.50
The establishment,		12.42	77.35	10.23
Mats, wool	one	44.44	55.56	–
The establishment,		22.74	75.82	1.44
Roller skins,	one dozen	23.33	10.00	66.67
The establishment,		15.27	81.50	3.23
Saddles, gig	one hundred	35.00	52.50	12.50
The establishment,		19.77	58.53	21.70
Splits, finished	one ton	16.18	83.82	–
The establishment,		16.17	83.83	–
Washers,	two million, seven hundred and fifty thousand	27.90	57.10	15.00
The establishment,		27.42	60.52	12.06

LINEN.

Towelling, crash	one yard	35.00	50.00	15.00
The establishment,		32.71	62.54	4.75

LIQUORS AND BEVERAGES (NOT SPIRITUOUS).

Ginger ale,	sixty quarts	34.82	12.44	52.74
The establishment,		19.68	71.03	9.29
Ginger ale,	ten gross bottles	13.33	86.67	–
The establishment,		35.72	11.38	52.90
Soda water,	four dozen bottles	37.50	12.50	50.00
The establishment,		38.13	57.27	4.60
Soda water,	sixty-five dozen bottles	28.57	71.43	–
The establishment,		36.90	63.10	–
Soda water,	ten gallons	66.67	33.33	–
The establishment,		47.85	52.15	–
Soda water,	ten gallons	33.34	33.33	33.33
The establishment,		54.02	41.75	4.23
Tonic beer,	three thousand dozen bottles	25.00	75.00	–
The establishment,		35.49	52.68	11.83

LIQUORS AND BEVERAGES (NOT SPIRITUOUS) — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Tonic beer,	fifteen thousand dozen quarts	37.50	50.00	12.50
The establishment,		49.43	50.57	–
Tonic beer,	one gross bottles	28.57	71.43	–
The establishment,		21.47	44.72	33.81
Tonics,	sixty gallons	23.11	37.00	39.89
The establishment,		61.86	31.96	6.18
Tonics,	one gross bottles	33.33	66.67	–
The establishment,		7.06	70.65	22.29

LIQUORS: MALT, DISTILLED, AND FERMENTED.

Aerated water,	one dozen quarts	15.00	60.00	25.00
The establishment,		26.02	57.56	16.42
Ale,	one barrel	6.54	44.55	48.91
The establishment,		11.24	72.73	16.03
Ale,	one barrel	25.00	75.00	–
The establishment,		14.16	73.95	11.89
Ale and porter,	twenty-four thousand, four hundred and seventy-five barrels	10.58	46.14	43.28
The establishment,		17.38	71.87	10.75
Beer, hop	six hundred bottles	30.00	70.00	–
The establishment,		33.59	57.00	9.41
Beer, lager	one barrel	16.67	37.50	45.83
The establishment,		26.80	63.27	9.93
Beer, lager (bottled)	one hundred and fourteen dozen bottles	1.90	98.10	–
The establishment,		27.74	67.51	4.75
Beer, tonic	ten dozen bottles	4.00	80.00	16.00
The establishment,		7.25	92.35	0.40
Beer, tonic	one gross bottles	13.89	73.61	12.50
The establishment,		13.02	66.29	20.69
Cider,	one gallon	25.00	75.00	–
The establishment,		17.35	73.37	9.28
Cider,	twelve thousand gallons	50.00	50.00	–
The establishment,		33.90	65.68	0.42
Cider,	seventeen thousand and fifty-six gallons	31.82	68.18	–
The establishment,		31.46	67.42	1.12
Cider,	eighteen thousand gallons	30.00	60.00	10.00
The establishment,		32.26	64.52	3.22
Cider,	forty thousand gallons	14.29	71.42	14.29
The establishment,		17.99	74.82	7.19
Cider,	one hundred and five thousand gallons	16.67	83.33	–
The establishment,		16.67	83.33	–
Cider,	one barrel	5.10	94.90	–
The establishment,		5.34	94.66	–
Cider,	four thousand barrels	26.67	66.67	6.66
The establishment,		21.43	60.28	18.29
Cider, refined	one thousand gallons	15.00	85.00	–
The establishment,		7.96	91.13	0.91
Cider, sweet	three hundred barrels	20.89	66.67	12.44
The establishment,		23.50	75.00	1.50
Cider and vinegar,	twelve hundred barrels	48.80	51.20	–
The establishment,		48.02	50.38	1.60
Rum,	one thousand gallons	7.33	81.68	10.99
The establishment,		6.23	93.61	0.16

LUMBER.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Boards, box	one thousand feet	37.50	62.50	–
The establishment,		60.98	36.58	2.44
Boards, box	one thousand feet	18.18	72.73	9.09
The establishment,		45.72	52.76	1.52
Boards, box	one thousand feet	13.33	86.67	–
The establishment,		13.33	85.63	1.04
Boards, box	two hundred thousand feet	15.79	84.21	–
The establishment,		22.28	76.38	1.34
Boards, box	one thousand feet	17.24	82.76	–
The establishment,		22.26	77.05	0.69
Boards, box	one thousand feet	42.86	42.86	14.28
The establishment,		46.87	53.13	–
Boards, box	one thousand feet	14.37	78.13	7.50
The establishment,		18.46	75.61	5.93
Boards, box	one thousand feet	40.00	53.33	6.67
The establishment,		13.59	86.05	0.36
Boards, box	one thousand feet	15.63	68.75	15.62
The establishment,		18.49	78.06	3.45
Boards, box	one thousand feet	14.29	71.43	14.28
The establishment,		16.69	76.52	6.79
Boards, box	one thousand feet	29.41	70.59	–
The establishment,		21.74	69.56	8.70
Boards, box	one thousand feet	23.60	76.40	–
The establishment,		22.67	73.16	4.17
Boards, box	one thousand feet	22.22	77.78	–
The establishment,		45.87	53.67	0.46
Boards, box	one thousand feet	69.57	30.43	–
The establishment,		30.51	69.49	–
Boards, box	four hundred thousand feet	25.00	75.00	–
The establishment,		23.98	71.94	4.08
Boards, box	one thousand feet	29.41	70.59	–
The establishment,		11.76	88.24	–
Boards, box	seven hundred and fifty thousand feet	15.38	80.77	3.85
The establishment,		16.12	76.55	7.33
Boards, pine	one thousand feet	28.57	71.43	–
The establishment,		20.62	75.60	3.78
Boards, pine	one thousand feet	20.00	70.00	10.00
The establishment,		24.51	71.43	4.06
Boards, pine	seventy-five thousand feet	57.14	42.86	–
The establishment,		11.79	85.03	3.18
Cases,	one thousand feet	26.16	73.84	–
The establishment,		44.71	51.61	3.68
Lumber,	one thousand feet	14.29	85.71	–
The establishment,		25.43	74.57	–
Lumber,	one thousand feet	14.29	85.71	–
The establishment,		16.98	83.02	–
Lumber,	ten thousand feet	80.00	20.00	–
The establishment,		45.41	18.92	35.67
Lumber,	twenty-five thousand feet	23.48	76.52	–
The establishment,		28.16	62.93	8.91
Lumber,	ten thousand feet	12.50	75.00	12.50
The establishment,		25.14	67.87	6.99
Lumber, pine	one thousand feet	57.14	42.86	–
The establishment,		30.93	63.68	5.39
Lumber, rough	one thousand feet	8.57	91.43	–
The establishment,		18.84	79.28	1.88
Lumber, rough	fifty thousand feet	5.88	52.94	41.18
The establishment,		21.44	72.90	5.66

LUMBER — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Lumber, rough	five hundred thousand feet	25.53	53.19	21.28
The establishment,		29.63	61.73	8.64
Mouldings,	one thousand feet	26.67	66.67	6.66
The establishment,		22.46	76.54	1.00
Shingles,	six hundred thousand	50.00	50.00	–
The establishment,		39.60	56.11	4.29
Wood, oak	one cord	50.00	50.00	–
The establishment,		46.94	53.06	–
Woods, match	five hundred cases	57.14	42.86	–
The establishment,		57.14	42.86	–

MACHINES AND MACHINERY.

Blowers, pressure	five hundred and twenty	31.41	68.59	–
The establishment,		60.36	25.78	13.86
Bobbins,	one thousand	18.18	81.82	–
The establishment,		46.45	45.72	7.83
Bobbins, wool-filling	one thousand	36.32	63.68	–
The establishment,		51.44	48.39	0.17
Boilers, steam	one	25.00	75.00	–
The establishment,		27.33	71.94	0.73
Burners, gas	one	36.36	54 55	9.09
The establishment,		59.32	29.66	11.02
Card-clothing,	one square foot	21.25	78.75	–
The establishment,		18 12	78.89	2.99
Card-clothing,	one hundred square feet	8.01	88.81	3.18
The establishment,		8.04	89.12	2.84
Card-clothing,	twenty one thousand, nine hundred and fifty-four square feet	19.38	68 25	12.37
The establishment,		20.79	72.38	6.83
Channel flap turners,	one	72.60	6.11	21.29
The establishment,		91.75	8.25	–
Clothes wringers,	one hundred	8.00	69.67	22.33
The establishment,		6.85	76.43	16.72
Clothes wringers,	four hundred and sixty-eight dozen	15.54	57.89	26.57
The establishment,		13.84	86.16	–
Combs (for cotton cards),	ten	24.28	32.86	42.86
The establishment,		47.94	20.56	31.50
Cop tubes,	one thousand pounds	25.00	75.00	–
The establishment,		23.07	71.05	5.88
Cotton gins,	one	32.71	42.06	25.23
The establishment,		38.74	33.53	27.73
Covering (for pipes),	one hundred feet	33.33	66.67	–
The establishment,		61.70	25.71	12.59
Cutters, moulding	one hundred	93.33	6.67	–
The establishment,		52.34	11.06	36.60
Cutters, sole-leather	one	36.51	63.49	–
The establishment,		55.41	44.59	–
Drills, upright	one	42.86	42.86	14.28
The establishment,		35.70	54.62	9.68
Engines,	one	73.58	26.42	–
The establishment,		45.74	43.21	11.05
Engines, steam	one	40.49	37.79	21.72
The establishment,		42.38	40.20	17.42
Engines, steam	one	22.00	78 00	–
The establishment,		44.00	55.31	0.69

MACHINES AND MACHINERY — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Fastenings, bedstead	one hundred sets	18.18	81.82	–
The establishment,		11.48	79.18	9.34
Freezers,	one	70.00	30.00	–
The establishment,		64.54	24.89	10.57
Gas screens,	one	11.77	82.35	5.88
The establishment,		13.41	83.61	2.98
Gates, water	ten	18.58	81.42	–
The establishment,		24.07	67.87	8.06
Governors,	one	57.14	28.57	14.29
The establishment,		46.45	30.56	22.99
Grinders,	one	55.56	44.44	–
The establishment,		27.21	18.39	54.40
Injectors,	one	24.00	76.00	–
The establishment,		17.54	81.00	1.46
Knives, lawn mower	one thousand	66.67	28.57	4.76
The establishment,		39.61	47.72	12.67
Knives, machine	five hundred and seventy-six inches	52.08	47.92	–
The establishment,		46.53	51.69	1.78
Lathes,	one	42.86	22.86	34.28
The establishment,		75.20	20.78	4.02
Lathes,	eleven	83.00	17.00	–
The establishment,		83.64	11.15	5.21
Lathes, bench	one	60.00	25.00	15.00
The establishment,		63.24	22.85	13.91
Lathes, engine	one	27.50	20.00	52.50
The establishment,		53.07	33.92	13.01
Lathes, wood-turning	one	65.57	34.43	–
The establishment,		55.86	34.85	9.29
Lathes, wood-turning	one	62.50	37.50	–
The establishment,		52.83	37.74	9.43
Loom harnesses,	forty thousand sets	34.68	60.00	5.32
The establishment,		38.76	46.27	14.97
Loom harnesses,	one thousand sets	40.61	59.39	–
The establishment,		39.36	39.24	21.40
Loom harnesses,	one hundred sets	35.00	63.00	2.00
The establishment,		66.08	29.57	4.35
Loom pickers,	one hundred pounds	41.67	58.33	–
The establishment,		45.07	50.75	4.18
Loom pickers,	one barrel	16.28	83.72	–
The establishment,		15.30	82.82	1.88
Looms, carpet	one	62.50	37.50	–
The establishment,		57.11	31.33	11.56
Machinery, carding	one machine	27.22	58.33	14.45
The establishment,		48.00	31.05	20.95
Machines, beating-out	one	60.00	40.00	–
The establishment,		61.47	34.20	4.33
Machines, cloth-folding	one	45.83	35.00	19.17
The establishment,		57.94	25.44	16.62
Machines, drilling (upright)	twelve	37.31	36.78	25.91
The establishment,		65.03	27.45	7.52
Machines, leather-splitting	one	60.00	40.00	–
The establishment,		31.80	58.31	9.89
Machines, milling	one	40.00	20.00	40.00
The establishment,		68.23	24.47	7.30
Machines, nail (wire)	one	68.00	32.00	–
The establishment,		25.06	72.62	2.32
Machines, polking	one	66.67	33.33	–
The establishment,		8.29	56.05	35.66

MACHINES AND MACHINERY — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Machines, putting out	one	48.00	52.00	–
The establishment,		23.13	40.16	36.71
Machines, washing	one	40.00	60.00	–
The establishment,		35.26	58.77	5.97
Machines, washing	one	33.33	66.67	–
The establishment,		40.46	49.27	10.27
Machines, woodworking	one	53.33	26.67	20.00
The establishment,		58.62	36.11	5.27
Meters, water	one	26.32	57.89	15.79
The establishment,		69.33	25.15	5.52
Meters, water	one	55.56	44.44	–
The establishment,		42.61	33.49	23.90
Packing, combination	one pound	76.00	24.00	–
The establishment,		67.38	32.62	–
Parers, apple	one dozen	47.43	52.57	–
The establishment,		30.03	61.42	8.55
Plates, screen	one	17.89	77.52	4.59
The establishment,		21.08	72.88	6.04
Presses, printing	one	60.00	40.00	–
The establishment,		56.33	35.68	7.99
Pulleys,	one	58.33	41.67	–
The establishment,		23.81	68.12	8.07
Pumps, copper	one hundred	24.24	55.76	20.00
The establishment,		19.89	40.52	39.59
Radiators, indirect	one hundred	31.25	62.50	6.25
The establishment,		47.47	46.28	6.25
Reeds, weaving	one hundred	55.56	44.44	–
The establishment,		47.21	42.25	10.54
Reeds, weaving	five thousand	28.65	31.15	40.20
The establishment,		31.14	68.86	–
Roll bars,	one thousand pounds	16.67	83.33	–
The establishment,		35.30	61.34	3.36
Rolls,	twenty thousand	43.09	56.91	–
The establishment,		43.09	56.91	–
Rolls, calender	fourteen	35.71	64.29	–
The establishment,		24.19	62.03	13.78
Rolls, drawing	one thousand	16.67	83.33	–
The establishment,		33.27	63.94	2.79
Rolls, spinning (long ring)	one hundred	40.00	60.00	–
The establishment,		30.17	66.97	2.86
Saw mills,	one	28.00	72.00	–
The establishment,		59.88	32.77	7.35
Saw mills,	one	33.33	66.67	–
The establishment,		43.50	46.16	10.34
Shafting,	one hundred pounds	60.00	40.00	–
The establishment,		60.66	39.34	–
Shuttles,	one dozen	33.33	66.67	–
The establishment,		46.85	52.47	0.68
Shuttles,	one dozen	35.34	62.83	1.83
The establishment,		37.45	36.21	26.34
Soda water apparatus,	one	64.40	30.28	5.32
The establishment,		48.86	42.66	8.48
Spindles, cop	one thousand	85.71	14.29	–
The establishment,		75.26	18.99	5.75
Spoolers, yarn	one	40.00	35.56	24.44
The establishment,		33.20	58.31	8.49
Spools,	one thousand	56.25	43.75	–
The establishment,		57.80	42.20	–

MACHINES AND MACHINERY — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Stamps, rubber	one line three inches long	60.00	40.00	–
The establishment,		72.53	23.02	4.45
Taps, plate	one	72.73	9.09	18.18
The establishment,		58.54	20.71	20.75
Valves, safety	one	56.67	43.33	–
The establishment,		39.03	20.32	40.65
Wheels, turbine	one	70.59	29.41	–
The establishment,		79.68	13.15	7.17
Wheels, wood	one	40.00	46.67	13.33
The establishment,		62.74	35.85	1.41
Windlasses,	one	40.00	60.00	–
The establishment,		42.65	38.42	18.93

METALS AND METALLIC GOODS.

Anchors,	one ton	50.00	50.00	–
The establishment,		44.92	44.81	10.27
Anchors, trawl	five tons	20.00	80.00	–
The establishment,		28.03	70.08	1.89
Ball cocks,	one gross	23.08	76.92	–
The establishment,		46.49	40.79	12.72
Bars, grate	one ton	10.00	75.00	15.00
The establishment,		37.15	57.06	5.79
Blacksmithing,		47.06	52.94	–
The establishment,		35.88	57.42	6.70
Boilers, stove	five hundred	20.00	80.00	–
The establishment,		35.41	54.96	9.63
Boilers, wash	six	25.00	75.00	–
The establishment,		50.42	49.05	0.53
Boilers, wash	one hundred	17.01	82.99	–
The establishment,		26.10	61.36	12.54
Bracelets,	one pair	50.00	50.00	–
The establishment,		62.61	31.31	6.08
Broilers, wire	ten dozen	35.29	64.71	–
The establishment,		39.79	50.65	9.56
Buttons,	one hundred gross	29.24	70.76	–
The establishment,		22.75	77.25	–
Buttons, suspender (tin)	ten thousand, eight hundred gross	66.51	33.49	–
The establishment,		53.74	38.86	7.40
Cabinets, oil	twenty-five	24.24	75.76	–
The establishment,		41.70	49.52	8.78
Cans, milk	one hundred	37.93	56.90	5.17
The establishment,		51.19	45.38	3.43
Cans, shipping	one hundred	13.16	81.58	5.26
The establishment,		35.64	64.36	–
Cans, tin	twenty-four	50.00	41.67	8.33
The establishment,		37.92	58.75	3.33
Cans, tin	one hundred thousand	16.67	83.33	–
The establishment,		17.65	80.47	1.88
Castings,	fifty-one thousand pounds	25.41	68.14	6.45
The establishment,		26.87	72.06	1.07
Castings, horse rake	one ton	37.78	62.22	–
The establishment,		41.54	43.85	14.61
Castings, iron	one hundred pounds	44.44	55.56	–
The establishment,		31.94	43.68	24.38
Castings, iron	one hundred pounds	50.00	50.00	–
The establishment,		47.35	42.51	10.14

METALS AND METALLIC GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Castings, iron	one ton	26.67	44.44	28.89
The establishment,		19.94	60.63	19.43
Castings, iron	one ton	41.09	30.14	28.77
The establishment,		42.50	38.61	18.89
Castings, iron	one ton	37.50	62.50	–
The establishment,		45.72	43.01	11.27
Castings, iron	one ton	40.00	60.00	–
The establishment,		49.58	50.42	–
Castings, iron	one ton	45.00	55.00	–
The establishment,		41.34	54.35	4.31
Castings, iron	six hundred tons	46.79	53.01	0.20
The establishment,		41.47	46.97	11.56
Castings, machine	five hundred pounds	17.95	82.05	–
The establishment,		22.83	70.00	7.17
Castings, machine	one ton	45.42	54.58	–
The establishment,		54.57	45.43	–
Castings, machine	one ton	46.51	30.23	23.26
The establishment,		51.43	34.72	13.85
Chains, gold-plated	one dozen	44.17	45.83	10.00
The establishment,		63.25	29.56	7.19
Chains, neck		31.58	51.18	17.24
The establishment,		33.77	66.23	–
Chains, rolled-plate	one dozen	62.50	37.50	–
The establishment,		50.36	37.25	12.39
Chains, vest		53.30	46.70	–
The establishment,		45.58	46.70	7.72
Chains, vest	one dozen	25.00	62.50	12.50
The establishment,		41.86	54.52	3.62
Chains, vest (gold-plated)	one dozen	50.00	50.00	–
The establishment,		37.31	58.35	4.34
Charms, rolled-plate (for watch chains)	eighteen thousand	37.50	62.50	–
The establishment,		42.86	57.14	–
Checks and springs, door	five thousand	18.29	54.74	26.97
The establishment,		22.51	59.15	18.34
Cloth, wire	one hundred thousand feet	43.51	56.49	–
The establishment,		23.76	75.33	0.91
Ear-drops,		52.68	34.15	13.17
The establishment,		52.68	34.15	13.17
Ears, pail	one hundred thousand	15.38	84.62	–
The establishment,		40.58	58.50	0.92
Eyelets,	one million	26.00	70.00	4.00
The establishment,		18.51	73.94	7.55
Faucets, brass	one dozen	38.89	61.11	–
The establishment,		38.68	53.52	7.80
Ferrules, wire	one thousand	26.92	69.23	3.85
The establishment,		34.55	60.56	4.89
Fittings, pipe (brass)	one hundred pounds	32.35	67.65	–
The establishment,		39.40	39.22	21.38
Furnaces,	one	34.29	65.71	–
The establishment,		44.12	44.14	11.74
Gold foil,	one ounce	8.70	91.30	–
The establishment,		5.43	94.57	–
Gold leaf,	one package	22.50	72.50	5.00
The establishment,		23.59	76.41	–
Gold leaf,	ten packages	25.85	73.17	0.98
The establishment,		29.58	70.33	0.09
Handles, coffin	one dozen pairs	31.62	36.00	32.38
The establishment,		38.80	41.94	19.26

METALS AND METALLIC GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Hangers, door (iron)	four thousand, two hundred and fifty-three	46.95	53.05	-
The establishment,		42.72	48.25	9.03
Holders, eyeglass (brass)	one gross	57.14	42.86	-
The establishment,		58.76	41.24	-
Horseshoeing,	four shoes	31.03	68.97	-
The establishment,		31.03	68.97	-
Horseshoeing,	four shoes	52.00	48.00	-
The establishment,		29.38	60.09	10.53
Horseshoeing,	four shoes	33.33	66.67	-
The establishment,		36.36	60.00	3.64
Horseshoeing,	four shoes	50.00	50.00	-
The establishment,		63.24	33.73	3.03
Horseshoes,	one hundred	20.59	79.41	-
The establishment,		84.46	8.50	7.04
Hose couplings,	one	25.00	75.00	-
The establishment,		31.12	45.35	23.53
Iron, bar	one ton	17.65	70.59	11.76
The establishment,		19.28	80.20	0.52
Iron, bar	one ton	19.35	64.52	16.13
The establishment,		20.15	78.78	1.07
Iron, bar (merchant)	one ton	28.24	68.82	2.94
The establishment,		28.41	67.08	4.51
Iron, galvanized	one hundred pounds	45.19	54.81	-
The establishment,		38.59	46.94	14.47
Iron, tunnel	four and one-half tons	68.25	31.75	-
The establishment,		65.63	34.37	-
Jewelry,		50.02	20.00	29.98
The establishment,		63.99	30.14	5.87
Jewelry,		76.54	19.72	3.74
The establishment,		63.01	23.51	13.48
Keys,	two thousand, two hundred and fifty keys	66.67	33.33	-
The establishment,		29.51	55.74	14.75
Knives,	one dozen	75.42	24.58	-
The establishment,		71.86	15.82	12.32
Knives, table	one dozen	88.75	11.25	-
The establishment,		51.87	37.65	10.48
Knives, table	one hundred gross	61.54	38.46	-
The establishment,		72.24	24.92	2.84
Knobs, steel (nickel-plated)	one thousand	33.76	48.76	17.48
The establishment,		28.92	62.87	8.21
Letters, steel	thirty	80.07	18.56	1.37
The establishment,		9.49	88.52	1.99
Nails,	one keg	39.11	60.89	-
The establishment,		35.09	57.48	7.43
Nails, horse	one thousand pounds	16.54	57.90	25.56
The establishment,		21.44	64.12	14.44
Nails, horse	sixteen hundred tons	28.57	57.14	14.29
The establishment,		36.16	57.13	6.71
Nails, iron (cut)	one keg	31.43	53.57	15.00
The establishment,		33.76	61.19	5.05
Needles,	one thousand	85.00	15.00	-
The establishment,		42.94	57.06	-
Needles,	one thousand	85.00	15.00	-
The establishment,		65.95	24.50	9.55
Needles, knitting-machine	one thousand	57.14	15.00	27.86
The establishment,		71.50	20.12	8.38

METALS AND METALLIC GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for —		
		Wages	Raw Materials	Expenses (not specified)
Needles, knitting-machine	one thousand	85.71	14.29	–
The establishment,		79.03	10.77	10.20
Needles, sewing-machine	one thousand	75.00	15.00	10.00
The establishment,		85.05	8.60	6.35
Needles, sewing-machine	one thousand	73.33	26.67	–
The establishment,		68.78	14.82	16.40
Needles, sewing-machine	one thousand	77.14	22.86	–
The establishment,		77.13	14.74	8.13
Pails, milk	one dozen	37.50	62.50	–
The establishment,		41.32	44.35	14.33
Pails, milk (strainer)	one hundred	31.82	68.18	–
The establishment,		39.03	60.97	–
Panels, furniture	one thousand square feet	80.00	20.00	–
The establishment,		37.58	16.97	45.45
Pens (gold) and pen holders,	one	30.00	70.00	–
The establishment,		41.25	55.81	2.94
Pins, bar (ladies')	one gross	73.28	26.72	–
The establishment,		53.84	37.85	8.31
Pins (jewelry),	one dozen	75.00	25.00	–
The establishment,		59.46	31.40	9.14
Pins, lace	one dozen	34.37	52.74	12.89
The establishment,		34.37	52.74	12.89
Pins, scarf	one dozen	20.00	80.00	–
The establishment,		31.98	37.91	30.11
Pipe, iron	one ton	41.52	58.48	–
The establishment,		37.66	50.76	11.58
Pipe, tin	one hundred feet	26.67	73.33	–
The establishment,		44.41	45.37	10.22
Plated stock, gold	one hundred ounces	6.00	92.00	2.00
The establishment,		–	98.38	1.62
Pots, coffee	one gross	33.33	66.67	–
The establishment,		32.43	67.57	–
Pots, coffee	one gross	41.67	58.18	0.15
The establishment,		50.84	30.48	18.68
Razors,	one gross	58.33	16.67	25.00
The establishment,		70.27	15.14	14.59
Rivets,	one pound	16.67	66.66	16.67
The establishment,		22.30	54.42	23.28
Rivets,	one hundred pounds	35.72	53.57	10.71
The establishment,		41.82	51.31	6.87
Rivets,	one ton	20.00	80.00	–
The establishment,		32.80	53.03	14.17
Rivets,	one ton	14.22	85.31	0.47
The establishment,		25.85	61.56	12.59
Rivets,	one ton	20.00	80.00	–
The establishment,		32.78	52.70	14.52
Roll bars,	one ton	22.22	77.78	–
The establishment,		24.77	72.43	2.80
Roofing, tin	forty-nine squares	28.57	71.43	–
The establishment,		29.32	68.56	2.12
Scales,	one hundred and forty-six pounds	19.23	30.77	50.00
The establishment,		69.99	26.92	3.09
Scales, special	one	80.00	20.00	–
The establishment,		75.92	9.09	14.99
Screws, chair	one hundred	28.95	39.47	31.58
The establishment,		28.06	62.38	9.56
Screws, clinching (brass)	one pound	20.00	56.00	24.00
The establishment,		15.30	66.26	18.44

METALS AND METALLIC GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Screws, iron (for wood)	one gross	50.00	50.00	–
The establishment,		39.07	43.07	17.86
Screws, iron (for wood)	one gross	28.17	70.42	1.41
The establishment,		29.24	61.54	9.22
Setting instruments,	one thousand	45.00	30.00	25.00
The establishment,		80.14	6.50	13.36
Shears,	one dozen	70.57	29.43	–
The establishment,		54.55	20.74	24.71
Sheathing, yellow-metal	one pound	30.64	67.40	1.96
The establishment,		16.63	76.61	6.76
Sieves, flour	one dozen	10.53	89.47	–
The establishment,		42.17	53.17	4.66
Sieves, wire	one hundred dozen	31.37	62.75	5.88
The establishment,		34.83	62.71	2.46
Sleigh shoes,	four tons	16.67	83.33	–
The establishment,		54.67	37.13	8.20
Speaking tubes,	one thousand feet	11.11	74.45	14.44
The establishment,		17.52	76.85	5.63
Spikes,	one ton	13.74	74.00	12.26
The establishment,		15.44	80.21	4.35
Staples,	one ton	23.08	61.54	15.38
The establishment,		15.11	73.26	11.63
Steels, butcher	one dozen	33.33	66.67	–
The establishment,		86.99	7.43	5.58
Stoves,	one	50.00	50.00	–
The establishment,		32.43	67.57	–
Stoves,	one	16.67	83.33	–
The establishment,		40.19	52.55	7.26
Strainers,	one gross	50.00	50.00	–
The establishment,		49.73	49.73	0.54
Tableware, sterling silver	one ounce	20.69	79.31	–
The establishment,		23.37	68.55	8.08
Tacks,	one pound	50.00	50.00	–
The establishment,		29.75	70.25	–
Tacks and nails, shoe	eighty-six tons	22.95	31.82	45.23
The establishment,		42.31	54.74	2.95
Teapots,	one dozen	44.46	55.54	–
The establishment,		31.13	26.12	42.75
Tinware,	one thousand articles	12.50	62.50	25.00
The establishment,		52.04	33.86	14.10
Type, metal-bodied	eighteen thousand, seven hundred fonts	34.71	42.42	22.87
The establishment,		42.60	45.55	11.85
Wire,	one hundred and sixty-three tons	25.79	55.11	19.10
The establishment,		31.12	66.94	1.94
Wire, card	one ton	42.22	57.78	–
The establishment,		31.16	65.70	3.14
Wire, card (tempered steel)	one hundred pounds	33.33	66.67	–
The establishment,		27.39	44.54	28.07
Wire, fine	one ton	50.00	50.00	–
The establishment,		39.59	53.98	6.43
Wire, iron	one pound	40.74	55.56	3.70
The establishment,		37.26	60.59	2.15
Wire, mattress	one ton	33.50	66.50	–
The establishment,		31.81	68.19	–
Wire cloth, Fourdrinier	two hundred square feet	45.45	54.55	–
The establishment,		36.24	56.95	6.81

METALS AND METALLIC GOODS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Wires, bonnet	one thousand dozen	7.69	80.69	11.62
The establishment,		10.80	83.15	6.05
Wires, bonnet (cotton-covered)	one hundred dozen	2.78	97.22	–
The establishment,		1.89	88.66	9.45

MIXED TEXTILES.

Felting,	one square foot	20.83	62.50	16.67
The establishment,		10.62	84.63	4.75
Flannel, shaker (cotton warp)	one hundred thousand yards	19.35	18.97	61.68
The establishment,		25.58	67.87	6.55
Linings, boot	one hundred yards	13.04	78.26	8.70
The establishment,		10.59	87.30	2.11
Velours,	fifty yards	35.29	41.18	23.53
The establishment,		19.20	63.74	17.06
Waste, wiping and packing	one ton	4.76	95.24	–
The establishment,		7.54	87.07	5.39

MODELS AND PATTERNS.

Patterns,	one set	15.38	84.62	–
The establishment,		61.51	30.53	7.96

MUSICAL INSTRUMENTS AND MATERIALS.

Banjos,	one	44.44	55.56	–
The establishment,		19.51	60.54	19.95
Boards, organ-reed	one thousand octave boards	65.00	35.00	–
The establishment,		36.19	57.58	6.23
Cases, piano	two thousand, five hundred and ninety-four	36.30	51.97	11.73
The establishment,		36.96	52.92	10.12
Music stands,	one	50.00	50.00	–
The establishment,		20.17	79.83	–
Music stands,	one	50.00	50.00	–
The establishment,		30.09	60.18	9.73
Organs, church	one	50.00	16.67	33.33
The establishment,		66.97	29.53	3.50
Organs, reed	one	55.00	45.00	–
The establishment,		47.65	40.57	11.78
Organs, reed (cabinet)	one	31.51	36.67	31.82
The establishment,		35.35	41.17	23.48
Organs, reed (double)	one	48.00	13.71	38.29
The establishment,		39.09	57.15	3.76
Piano tops,	one	30.23	69.77	–
The establishment,		50.64	48.09	1.27
Pianos,	one	33.33	60.00	6.67
The establishment,		28.44	63.17	8.39
Pianos,	one	64.67	35.33	–
The establishment,		48.41	40.34	11.25
Pianos,	one	40.62	59.38	–
The establishment,		33.15	58.41	8.44
Pianos,	ten	54.05	40.54	5.41
The establishment,		47.62	38.09	14.29

MUSICAL INSTRUMENTS AND MATERIALS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Pianos,	eight hundred	34.53	53.88	11.59
The establishment,		27.44	60.22	12.34
Sharps,	one thousand	43.75	56.25	–
The establishment,		19.09	80.91	–
Sharps, organ	one thousand sets	66.67	33.33	–
The establishment,		63.49	25.40	11.11

OILS AND ILLUMINATING FLUIDS.

Oil,	one barrel	6.79	67.50	25.71
The establishment,		5.92	92.14	1.94

PAINTS, COLORS, AND CRUDE CHEMICALS.

Copperas,	three thousand, one hundred and eighty-five tons	22.91	41.66	35.43
The establishment,		33.91	54.32	11.77
Japan black,	one pound	23.53	70.59	5.88
The establishment,		13.78	71.14	15.08
Paint, green	one thousand pounds	10.00	90.00	–
The establishment,		10.98	84.75	4.27
Paints, mixed	one gallon	10.00	90.00	–
The establishment,		8.63	82.55	8.82

PAPER AND PAPER GOODS.

Bags, paper	one thousand	20.00	72.50	7.50
The establishment,		6.50	87.36	6.14
Card-mounts,	one thousand	17.50	48.80	33.70
The establishment,		54.78	36.29	8.93
Envelopes,	one thousand	13.33	86.67	–
The establishment,		9.70	85.20	5.10
Envelopes,	one thousand	10.00	65.00	25.00
The establishment,		26.94	60.28	12.78
Envelopes,	one thousand	18.69	81.31	–
The establishment,		16.54	81.05	2.41
Envelopes,	three hundred and forty-three million	13.32	77.41	9.27
The establishment,		14.33	83.29	2.38
Felt, roofing	one ton	13.54	58.33	28.13
The establishment,		16.94	69.67	13.39
Friezes, hand-made	ten rolls	66.67	33.33	–
The establishment,		38.76	54.81	6.43
Hangings, paper	one ton	14.45	72.22	13.33
The establishment,		21.89	59.63	18.48
Hangings, paper	one ton	15.00	65.00	20.00
The establishment,		14.48	75.46	10.06
Leatherette,	one roll	17.39	82.61	–
The establishment,		18.18	67.36	14.46
Paper,	one thousand pounds	12.86	68.57	18.57
The establishment,		12.63	76.16	11.21
Paper,	one ton	15.72	67.14	17.14
The establishment,		16.69	70.02	13.29

PAPER AND PAPER GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Paper,	one ton	16.67	72.50	10.83
The establishment,		18.01	77.27	4.72
Paper,	one ton	25.00	47.50	27.50
The establishment,		23.23	63.48	13.29
Paper,	one ton	15.77	84.23	–
The establishment,		15.53	83.02	1.45
Paper,	one ton	12.50	87.50	–
The establishment,		16.52	79.88	3.60
Paper,	three tons	29.41	70.59	–
The establishment,		20.48	72.41	7.11
Paper, book	one ton	15.38	50.00	34.62
The establishment,		20.50	76.17	3.33
Paper, building	one ton	50.00	50.00	–
The establishment,		14.22	79.94	5.84
Paper, carpet-lining	one ton	17.86	75.00	7.14
The establishment,		18.96	69.11	11.93
Paper, collar	one pound	21.43	78.57	–
The establishment,		15.16	67.38	17.46
Paper (for glazing),	one pound	11.77	76.47	11.76
The establishment,		12.62	80.01	7.37
Paper, glazed	one ream	27.27	72.73	–
The establishment,		12.64	77.63	9.73
Paper, glazed	one ream	33.33	66.67	–
The establishment,		18.40	76.38	5.22
Paper, ledger and record	one ton	25.33	74.67	–
The establishment,		25.20	70.30	4.50
Paper, ledger and writing	five hundred tons	23.27	57.63	19.10
The establishment,		24.26	63.16	12.58
Paper, manila	one ton	15.45	84.55	–
The establishment,		13.55	70.91	15.54
Paper, manila	forty tons	16.79	83.21	–
The establishment,		19.17	79.47	1.36
Paper, music	one foot	44.45	33.33	22.22
The establishment,		57.22	22.27	20.51
Paper, news	one ton	14.70	64.71	20.59
The establishment,		14.60	71.95	13.45
Paper, news	one ton	9.28	90.72	–
The establishment,		10.29	84.29	5.42
Paper, news	one ton	13.83	86.17	–
The establishment,		18.45	67.00	14.55
Paper, plate	one ream	27.27	70.91	1.82
The establishment,		17.07	71.00	11.93
Paper, press board	one pound	28.57	71.43	–
The establishment,		31.56	53.05	15.39
Paper, printing	one hundred pounds	17.34	65.69	16.97
The establishment,		20.17	74.26	5.57
Paper, printing	one hundred pounds	17.36	64.84	17.80
The establishment,		18.12	55.52	26.36
Paper, roofing	one ton	19.86	80.14	–
The establishment,		19.08	77.01	3.91
Paper, rope (manila)	one ton	13.22	67.80	18.98
The establishment,		14.55	74.57	10.88
Paper, rope (manila)	one ton	11.52	69.09	19.39
The establishment,		12.05	76.07	11.88
Paper, rope (manila)	three hundred and thirty-seven thousand, four hundred and seventy pounds	23.71	76.29	–
The establishment,		22.68	72.98	4.34

PAPER AND PAPER GOODS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Paper, sheathing	one ton	33.33	55.56	11.11
The establishment,		11.75	88.25	–
Paper, wrapping	one ton	10.91	80.00	9.09
The establishment,		11.62	81.44	6.94
Paper, wrapping	one ton	15.18	78.57	6.25
The establishment,		14.10	74.47	11.43
Paper, writing	one pound	16.67	83.33	–
The establishment,		14.99	77.93	7.08
Paper, writing	one pound	14.29	85.71	–
The establishment,		18.32	74.13	7.55
Paper, writing	one pound	22.73	77.27	–
The establishment,		22.20	69.51	8.29
Paper, writing	one pound	31.85	68.15	–
The establishment,		26.67	52.98	20.35
Paper, writing	one ton	30.00	30.00	40.00
The establishment,		25.29	66.24	8.47
Paper, writing	one ton	20.00	40.00	40.00
The establishment,		19.91	73.99	6.10
Paper, writing	one pound	18.18	63.64	18.18
The establishment,		22.88	65.52	11.60
Paper, writing	one pound	48.89	51.11	–
The establishment,		16.93	76.42	6.65
Paper, writing	one hundred pounds	21.98	57.65	20.37
The establishment,		25.88	67.45	6.67
Paper, writing	one hundred pounds	24.48	67.67	7.85
The establishment,		19.76	61.43	18.81
Paper, writing	one thousand pounds	23.59	67.86	8.55
The establishment,		24.07	66.49	9.44
Paper, writing	one ton	23.81	71.43	4.76
The establishment,		28.65	62.99	8.36
Tags,	one hundred thousand	27.78	72.22	–
The establishment,		18.63	77.12	4.25
Wood pulp,	one ton	22.58	25.81	51.61
The establishment,		35.46	26.99	37.55

PERFUMES, TOILET ARTICLES, ETC.

Perfume extracts,	one pound	7.50	92.50	–
The establishment,		27.37	72.63	–

PHOTOGRAPHS AND PHOTOGRAPHIC MATERIALS.

Photographs,	one dozen	35.00	32.00	33.00
The establishment,		59.46	16.83	23.71
Photographs,	one dozen	50.00	50.00	–
The establishment,		41.38	22.76	35.86
Photographs, cabinet	one dozen	28.57	28.57	42.86
The establishment,		36.06	32.73	31.21
Portraits, crayon	one	50.00	15.00	35.00
The establishment,		38.84	25.53	35.63

POLISHES AND DRESSING.

Blacking,	one hundred barrels	11.67	86.54	1.79
The establishment,		11.27	85.93	2.80

POLISHES AND DRESSING — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for —		
		Wages	Raw Materials	Expenses (not specified)
Crucibles,	one thousand	22.70	77.30	–
The establishment,		20.85	68.13	11.02
Dressing, leather	one thousand gallons	0.87	86.96	12.17
The establishment,		6.58	78.41	15.01
Ink, burnishing	one thousand gallons	16.67	83.33	–
The establishment,		10.38	64.66	24.96
Varnish,	one thousand gallons	10.42	89.58	–
The establishment,		4.32	91.25	4.43
Whiting,	one hundred tons	25.00	52.50	22.50
The establishment,		28.59	66.17	5.24
PRINTING, PUBLISHING, AND BOOKBINDING.				
Diaries,	one dozen	46.67	53.33	–
The establishment,		38.95	45.60	15.45
RAILROAD CONSTRUCTION.				
Forgings,	one ton	50.00	50.00	–
The establishment,		49.82	49.82	0.36
RUBBER AND ELASTIC GOODS.				
Belting, rubber	one pound	11.54	88.46	–
The establishment,		10.89	75.99	13.12
Boots, heavy (short, men's)	one hundred pairs	23.26	76.74	–
The establishment,		26.65	71.97	1.38
Car-step treads, rubber	one dozen	17.65	70.59	11.76
The establishment,		25.31	56.70	17.99
Rubber, old (ground)	one ton	15.39	46.15	38.46
The establishment,		11.52	73.43	15.05
Web, elastic	one gross yards	30.30	69.70	–
The establishment,		24.02	67.23	8.75
Web, elastic	one gross yards	30.67	48.33	21.00
The establishment,		21.73	74.56	3.71
SALT.				
Salt,	one bushel	100.00	–	–
The establishment,		52.23	–	47.77
SCIENTIFIC INSTRUMENTS AND APPLIANCES.				
Artificial legs,	one	66.00	34.00	–
The establishment,		75.92	19.89	4.19
Compasses, mariners'	one	55.83	43.03	1.14
The establishment,		55.41	44.26	0.33
Elastic stockings,	two pairs	55.56	44.44	–
The establishment,		–	98.43	1.57
Forceps,	one dozen	77.78	22.22	–
The establishment,		91.47	8.53	–
Spectacles, steel	one dozen	60.61	24.79	14.60
The establishment,		31.67	56.99	11.34

SILK AND SILK GOODS.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Machine twist,	one thousand pounds	17.00	76.25	6.75
The establishment,		18.63	76.92	4.45
Silk thread,	one hundred pounds	12.50	63.00	24.50
The establishment,		16.98	78.63	4.39
Woven goods,	one yard	27.78	72.22	–
The establishment,		35.63	63.85	0.52

SPORTING AND ATHLETIC GOODS.

Fishing rods,	one dozen	50.00	50.00	–
The establishment,		51.80	40.56	7.64
Skates, roller	one pair	26.67	60.00	13.33
The establishment,		30.96	42.11	26.93
Skates, roller	one hundred pairs	22.50	77.50	–
The establishment,		39.29	46.68	14.03
Skates, roller	three thousand pairs	20.00	76.00	4.00
The establishment,		19.48	78.11	2.41

STONE.

Ashlar, rough	one cubic foot	88.00	12.00	–
The establishment,		65.72	21.85	12.43
Cemetery work,	one post	45.45	54.55	–
The establishment,		54.84	45.04	0.12
Curbstones,	one hundred feet	90.48	9.52	–
The establishment,		80.06	19.94	–
Curbstones,	one thousand feet	92.00	8.00	–
The establishment,		97.11	2.89	–
Flint,	one ton	6.98	93.02	–
The establishment,		45.90	40.05	14.05
Freestone,	one ton	43.01	49.10	7.89
The establishment,		42.55	48.58	8.87
Freestone, dressed	one cubic foot	20.00	52.00	28.00
The establishment,		37.50	62.50	–
Furniture-tops, marble	one thousand square feet	41.67	58.33	–
The establishment,		45.19	50.20	4.61
Granite,	one foot	55.56	44.44	–
The establishment,		46.15	53.85	–
Granite, fine	one surface foot	50.00	50.00	–
The establishment,		98.35	1.65	–
Granite, finished	one thousand square feet	75.00	25.00	–
The establishment,		55.97	42.19	1.84
Granite, quarried	one thousand tons	96.97	3.03	–
The establishment,		96.90	3.03	0.07
Headstones, marble	one	46.88	30.00	23.12
The establishment,		60.78	37.99	1.23
Monuments,	one	25.00	75.00	–
The establishment,		27.92	70.59	1.49
Monuments,	one	50.00	25.00	25.00
The establishment,		86.71	7.95	5.34
Monuments,	one	28.57	71.43	–
The establishment,		65.09	17.90	17.01
Monuments, granite	two hundred	61.72	29.92	8.36
The establishment,		78.41	21.15	0.44

STONE — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Monuments, granite	one	81.82	18.18	–
The establishment,		68.30	28.65	3.05
Sandstone, cut	one hundred cubic feet	40.00	46.67	13.33
The establishment,		60.92	38.59	0.49
Sandstone, rough	one hundred cubic feet	86.67	13.33	–
The establishment,		89.98	3.89	6.13
Stone, cut	one foot	53.57	42.86	3.57
The establishment,		79.95	20.05	–
Stone, cut	one hundred cubic feet	15.00	25.00	60.00
The establishment,		56.68	41.23	2.09
Tablets, grave	forty	57.14	42.86	–
The establishment,		50.63	49.37	–
Tablets, marble	one hundred	80.00	20.00	–
The establishment,		54.05	45.95	–
Tubs, soapstone	one set	27.78	72.22	–
The establishment,		38.11	57.63	4.26

STRAW AND PALM LEAF GOODS.

Hats, Canton	fifteen dozen	20.00	80.00	–
The establishment,		16.83	77.45	5.72
Hats, palm leaf	one dozen	57.14	42.86	–
The establishment,		30.77	68.38	0.85
Hats, straw	one dozen	25.00	75.00	–
The establishment,		20.04	77.26	2.70
Hats, straw	one dozen	33.33	66.67	–
The establishment,		30.34	51.91	17.75
Hats, straw	one dozen	50.00	50.00	–
The establishment,		36.81	60.88	2.31

TALLOW, CANDLES, SOAP, AND GREASE.

Candles,	one pound	4.17	95.83	–
The establishment,		4.01	93.94	2.05
Soap,	one hundred pounds	8.00	66.67	25.33
The establishment,		14.33	79.46	6.21
Soap, mineral	one box	10.53	89.47	–
The establishment,		33.16	60.80	6.04
Soap, soft	six barrels	33.33	66.67	–
The establishment,		52.90	43.64	3.46
Soap, soft	twenty barrels	12.50	75.00	12.50
The establishment,		38.66	61.34	–
Soap, textile	nine hundred and eighty tons	8.59	61.36	30.05
The establishment,		9.39	67.06	23.55
Soap powder,	one pound	7.14	57.14	35.72
The establishment,		6.68	92.88	0.44
Soap powder,	fourteen hundred pounds	22.22	77.78	–
The establishment,		24.51	75.49	–
Tallow,	three hundred and fifty thousand pounds	4.80	93.51	1.69
The establishment,		15.55	82.20	2.25
Tallow,	one ton	51.67	48.33	–
The establishment,		33.26	62.37	4.37
Tallow oil,	one hundred pounds	6.25	93.75	–
The establishment,		7.42	91.97	0.61

TOBACCO, SNUFF, AND CIGARS.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Cheroots, seed	one thousand	30.77	53.23	16.00
The establishment,		35.84	62.83	1.33
Cigars,	one thousand	47.43	52.57	-
The establishment,		47.45	52.55	-
Cigars,	one thousand	32.50	62.50	5.00
The establishment,		34.25	60.71	5.04
Cigars,	one thousand	50.00	50.00	-
The establishment,		67.15	32.85	-
Cigars,	one thousand	42.86	57.14	-
The establishment,		41.63	51.27	7.10
Cigars,	one thousand	55.56	44.44	-
The establishment,		47.37	52.63	-
Cigars,	one thousand	31.11	44.45	24.44
The establishment,		30.02	56.94	13.04
Cigars,	one thousand	50.00	50.00	-
The establishment,		16.36	81.82	1.82
Cigars,	one thousand	31.44	38.00	30.56
The establishment,		45.28	54.72	-
Cigars,	one thousand	35.42	64.58	-
The establishment,		13.61	79.04	7.35
Cigars,	one thousand	45.00	40.00	15.00
The establishment,		51.18	48.82	-
Cigars,	one thousand	27.08	56.25	16.67
The establishment,		50.41	49.59	-
Cigars,	one thousand	50.00	27.78	22.22
The establishment,		68.00	32.00	-
Cigars,	one thousand	30.77	55.77	13.46
The establishment,		36.75	60.78	2.47
Cigars,	one thousand	41.67	45.83	12.50
The establishment,		34.72	62.30	2.98
Cigars,	one thousand	52.17	47.83	-
The establishment,		41.24	56.50	2.26
Cigars,	one thousand	48.00	20.00	32.00
The establishment,		42.98	51.05	5.97
Cigars,	one thousand	26.92	57.69	15.39
The establishment,		29.14	67.59	3.27
Cigars,	one thousand	26.67	73.33	-
The establishment,		39.03	57.62	3.35
Cigars,	one thousand	33.33	50.00	16.67
The establishment,		36.17	47.24	16.59
Cigars,	one thousand	25.00	67.86	7.14
The establishment,		32.32	53.86	13.82
Cigars,	one thousand	37.50	62.50	-
The establishment,		60.61	39.12	0.27
Cigars,	one thousand	28.26	71.74	-
The establishment,		29.83	70.17	-
Cigars,	one thousand	55.56	44.44	-
The establishment,		52.08	41.67	6.25
Cigars,	one thousand	44.44	27.78	27.78
The establishment,		-	95.61	4.39
Cigars,	one thousand	52.78	47.22	-
The establishment,		55.91	44.09	-
Cigars,	one thousand	47.00	25.00	28.00
The establishment,		52.22	39.16	8.62
Cigars,	one thousand	33.33	66.67	-
The establishment,		26.63	67.14	6.23
Cigars,	one thousand	42.11	57.89	-
The establishment,		40.46	59.54	-

TOBACCO, SNUFF, AND CIGARS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Cigars,	one thousand	42.10	31.58	26.32
The establishment,		48.31	48.31	3.38
Cigars,	one thousand	45.00	20.00	35.00
The establishment,		–	77.22	22.78
Cigars,	one thousand	45.00	43.75	11.25
The establishment,		36.15	63.61	0.24
Cigars,	one thousand	38.24	50.00	11.76
The establishment,		10.38	38.42	51.20
Cigars,	one thousand	52.18	33.04	14.78
The establishment,		55.74	42.87	1.39
Cigars,	one thousand	32.00	40.00	28.00
The establishment,		40.68	50.85	8.47
Cigars,	one thousand	32.00	64.00	4.00
The establishment,		60.00	40.00	–
Cigars,	one thousand	37.67	62.33	–
The establishment,		37.67	62.33	–
Cigars,	one thousand	38.30	46.81	14.89
The establishment,		38.51	61.49	–
Cigars,	one thousand	40.00	60.00	–
The establishment,		41.89	58.11	–
Cigars,	one thousand	40.00	32.00	28.00
The establishment,		44.67	55.33	–
Cigars,	one thousand	42.55	57.45	–
The establishment,		44.53	55.47	–
Cigars,	one thousand	30.85	69.15	–
The establishment,		47.61	52.39	–
Cigars,	one thousand	50.00	50.00	–
The establishment,		50.00	50.00	–
Cigars,	one thousand	12.70	39.68	47.62
The establishment,		21.07	76.48	2.45
Cigars,	one thousand	50.00	50.00	–
The establishment,		30.40	69.60	–
Cigars,	one thousand	35.00	65.00	–
The establishment,		52.83	47.17	–
Cigars,	one thousand	26.00	66.00	8.00
The establishment,		32.93	54.91	12.16
Cigars,	thirteen hundred	23.93	75.21	0.86
The establishment,		39.42	56.53	4.05
Cigars,	two thousand	48.65	51.35	–
The establishment,		56.35	43.65	–
Cigars,	thirty-eight thousand	41.10	58.90	–
The establishment,		37.55	53.82	8.63
Cigars,	one hundred and fifty thousand	25.00	75.00	–
The establishment,		24.19	75.81	–
Cigars,	two million	30.00	45.25	24.75
The establishment,		31.91	59.16	8.93
Cigars,	two million, one hundred and thirteen thousand, five hundred and fifty	44.34	45.02	10.64
The establishment,		41.90	52.02	6.08
Cigars, Havana	one thousand	40.00	60.00	–
The establishment,		41.61	56.13	2.26
Cigars, seed	one thousand	61.11	38.89	–
The establishment,		40.82	55.57	3.61
Cigars, seed and Havana	one thousand	25.58	74.42	–
The establishment,		31.42	68.58	–

TOBACCO, SNUFF, AND CIGARS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Snuff,	seventeen thousand, five hundred and five pounds	18.28	30.39	51.33
The establishment,		20.44	62.03	17.53
Tobacco, plug	one pound	15.11	65.12	19.77
The establishment,		23.43	60.82	15.75

TOYS AND GAMES (CHILDREN'S).

Drums, toy	one dozen	33.34	33.33	33.33
The establishment,		49.52	47.78	2.70
Toys and games,		36.81	19.03	44.16
The establishment,		53.87	31.18	14.95
Wagons, boys'	one dozen	25.00	65.00	10.00
The establishment,		49.38	45.19	5.43
Wagons, children's	one dozen	55.56	44.44	-
The establishment,		47.64	47.21	5.15

TRUNKS AND VALISES.

Bags, travelling	one dozen	35.72	59.52	4.76
The establishment,		39.85	58.90	1.25
Trunks, zinc	one dozen	16.40	83.60	-
The establishment,		20.02	78.49	1.49

WHIPS, LASHES, AND STOCKS.

Lashes,	one hundred dozen	34.67	65.33	-
The establishment,		58.33	41.67	-
Whip butts,	one dozen	32.26	67.74	-
The establishment,		30.47	67.81	1.72
Whip lashes,	three hundred dozen	23.09	76.91	-
The establishment,		-	100.00	-
Whip stocks,	one dozen	53.19	46.81	-
The establishment,		33.39	66.61	-
Whip stocks, rattan	one hundred dozen	33.33	66.67	-
The establishment,		25.14	74.86	-
Whips,	one hundred dozen	40.00	60.00	-
The establishment,		21.62	64.85	13.53
Whips,	one gross	51.61	48.39	-
The establishment,		20.48	46.27	33.25
Whips and lashes,	one dozen	63.79	36.21	-
The establishment,		57.83	32 85	9.32

WOODEN GOODS.

Axe helves,	one dozen	50.00	50.00	-
The establishment,		41.21	45.60	13.19
Axe helves,	one dozen	66.67	33.33	-
The establishment,		-	100.00	-
Barrels, half	one hundred	24.24	75.76	-
The establishment,		35.08	61.03	3.89
Barrels, half	thirty-five hundred	28.12	71.88	-
The establishment,		38.33	61.67	-

WOODEN GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Barrels, sugar	one hundred	20.59	79.41	–
The establishment,		17.98	80.60	1.42
Barrels, sugar	one hundred	20.59	79.41	–
The establishment,		16.50	68.38	15.12
Baskets,	one dozen	83.33	16.67	–
The establishment,		62.50	37.50	–
Baskets,	one dozen	64.38	35.62	–
The establishment,		61.86	34.02	4.12
Baskets,	one hundred	50.00	50.00	–
The establishment,		57.68	40.97	1.35
Baskets, bushel	one dozen	78.57	21.43	–
The establishment,		55.49	25.53	18.98
Baskets, bushel	fifty dozen	50.00	50.00	–
The establishment,		50.00	44.17	5.83
Baskets, coal	one dozen	72.00	24.00	4.00
The establishment,		–	80.77	19.23
Blocks, dye	one	41.67	41.67	16.66
The establishment,		56.27	26.05	17.68
Bungs (for mackerel kits),	ten thousand	50.00	50.00	–
The establishment,		44.83	45.59	9.58
Casks, nail	one hundred	39.29	60.71	–
The establishment,		47.88	45.69	6.43
Clothes driers,	four	17.86	42.86	39.28
The establishment,		57.73	24.60	17.67
Faucets, wooden	ten thousand	57.14	42.86	–
The establishment,		54.55	40.91	4.54
Handles, screw-driver	one hundred	47.62	52.38	–
The establishment,		65.49	33.17	1.34
Hoops,	two hundred thousand	50.00	50.00	–
The establishment,		50.00	50.00	–
Hoops, barrel	one thousand	61.54	38.46	–
The establishment,		–	100.00	–
Hoops and handles,	one thousand	37.88	30.30	31.82
The establishment,		71.43	28.57	–
Kegs, nail	one hundred	25.00	75.00	–
The establishment,		41.00	59.00	–
Kegs and half-barrels,	eighteen thousand	56.34	18.78	24.88
The establishment,		53.08	43.42	3.50
Kindlings,	one bushel	20.00	70.00	10.00
The establishment,		16.86	64.11	19.03
Ladders,	one thousand feet	57.78	42.22	–
The establishment,		56.52	43.48	–
Lasts,	one thousand	55.56	22.22	22.22
The establishment,		41.88	45.13	12.99
Lasts,	seventeen thousand pairs	41.35	24.85	33.80
The establishment,		52.48	32.12	15.40
Lasts,	one hundred pairs	28.57	28.57	42.86
The establishment,		45.36	41.66	12.98
Lasts,	one hundred pairs	48.00	52.00	–
The establishment,		48.71	42.93	8.36
Lasts,	one thousand pairs	62.50	33.33	4.17
The establishment,		63.18	36.43	0.39
Lasts,	one thousand pairs	68.75	31.25	–
The establishment,		59.88	20.96	19.16
Lasts, iron bottom	one hundred pairs	82.76	17.24	–
The establishment,		68.81	17.19	14.00
Lasts and patterns,	forty thousand	65.75	22.11	12.14
The establishment,		69.63	23.42	6.95

WOODEN GOODS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Lumber, kyanized	seven hundred and twenty-five thousand feet	34.48	53.64	11.88
The establishment,		37.50	58.33	4.17
Moulding,	one thousand feet	12.00	80.00	8.00
The establishment,		20.26	78.70	1.04
Moulding,	one thousand feet	44.44	55.56	–
The establishment,		27.28	61.82	10.90
Moulding, gilt	one thousand feet	27.27	72.73	–
The establishment,		41.46	51.83	6.71
Moulds, button	one gross	80.00	20.00	–
The establishment,		62.43	33.44	4.13
Pails,	seven hundred thousand	32.77	47.37	19.86
The establishment,		42.88	53.59	3.53
Pegs, shoe	one bushel	65.79	34.21	–
The establishment,		71.52	25.32	3.16
Pegs, shoe	one bushel	68.29	31.71	–
The establishment,		65.26	31.96	2.78
Racks, towel	one dozen	25.00	75.00	–
The establishment,		40.44	40.45	19.11
Razor strops,	one thousand	50.00	50.00	–
The establishment,		58.33	41.67	–
Rolling pins,	one hundred dozen	34.00	66.00	–
The establishment,		56.18	31.34	12.48
Rolls, skate	one thousand	32.79	65.57	1.64
The establishment,		41.95	57.23	0.82
Screws and clamps,	one hundred dozen	66.67	33.33	–
The establishment,		53.74	32.98	13.28
Tubs,	one nest of three tubs	20.83	54.17	25.00
The establishment,		35.98	59.97	4.05
Tubs,	one hundred	36.11	63.89	–
The establishment,		42.50	56.75	0.75
Tubs,	one hundred nests of three tubs	27.50	72.50	–
The establishment,		45.22	53.77	1.01
Wood, bundle	one thousand bundles	52.38	40.82	6.80
The establishment,		19.72	69.80	10.48
Wood, kindling	one cord	27.27	72.73	–
The establishment,		27.12	72.88	–
Wood, kindling	one cord	25.53	74.47	–
The establishment,		22.64	66.04	11.32
Wood, kindling	three hundred and fifty cords	34.53	65.47	–
The establishment,		34.53	65.47	–

WOOLLEN GOODS.

Blankets,	one	41.67	50.00	8.33
The establishment,		19.33	76.81	3.86
Blankets,	one pair	46.00	52.00	2.00
The establishment,		40.21	57.44	2.35
Blankets,	one hundred pounds	50.00	37.50	12.50
The establishment,		33.96	56.54	9.50
Cassimeres,	one yard	7.86	82.86	9.28
The establishment,		21.15	63.76	15.09
Cassimeres,	one yard	63.64	36.36	–
The establishment,		32.64	65.64	1.72
Cassimeres,	one yard	20.00	71.43	8.57
The establishment,		15.52	75.48	9.00

WOOLLEN GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for— Wages	Raw Materials	Expenses (not specified)
Cassimeres,	one yard	19.01	80.99	–
The establishment,		21.94	75.38	2.68
Cassimeres,	one yard	19.05	58.09	22.86
The establishment,		28.45	68.78	2.77
Cassimeres, fancy	one yard	26.47	73.53	–
The establishment,		24.48	73.20	2.32
Cassimeres, fancy	one yard	27.38	52.38	20.24
The establishment,		27.36	64.64	8.00
Cassimeres, fancy	one yard	26.67	73.33	–
The establishment,		18.69	71.55	9.76
Cassimeres, fancy	one yard	20.78	54.55	24.67
The establishment,		19.43	74.86	5.71
Cassimeres, fancy	one yard	26.67	66.67	6.66
The establishment,		20.71	77.69	1.60
Cassimeres, fancy	one yard	20.60	69.70	9.70
The establishment,		20.89	76.12	2.99
Cassimeres, fancy	one yard	22.99	52.30	24.71
The establishment,		26.49	63.79	9.72
Cassimeres, fancy	one yard	24.70	64.71	10.59
The establishment,		31.87	64.21	3.92
Cassimeres, fancy	one yard	77.78	22.22	–
The establishment,		20.70	75.36	3.94
Cassimeres, fancy	one yard	22.60	68.49	8.91
The establishment,		23.99	72.98	3.03
Cassimeres, fancy	one yard	22.56	66.16	11.28
The establishment,		23.98	70.39	5.63
Cassimeres, fancy	one yard	21.05	78.95	–
The establishment,		18.45	73.95	7.60
Cassimeres, fancy	one hundred yards	18.00	75.00	7.00
The establishment,		18.10	77.05	4.85
Cassimeres, fancy	one hundred thousand yards	16.00	84.00	–
The establishment,		18.46	80.16	1.38
Cassimeres, fancy	two hundred and thirty-five thousand yards	34.20	59.72	6.08
The establishment,		29.91	64.22	5.87
Cassimeres, union	one yard	47.06	52.94	–
The establishment,		14.37	83.46	2.17
Cassimeres, union	one yard	26.67	73.33	–
The establishment,		19.13	78.35	2.52
Cassimeres, union	one hundred yards	34.29	65.71	–
The establishment,		34.18	54.74	11.08
Cassimeres, union	one thousand yards	22.86	74.28	2.86
The establishment,		27.73	72.27	–
Cassimeres, union	one thousand yards	23.53	76.47	–
The establishment,		23.86	76.14	–
Cassimeres, union	one yard	20.00	80.00	–
The establishment,		19.90	70.68	9.42
Cloth, beaver	one yard	73.85	26.15	–
The establishment,		28.81	69.18	2.01
Cloth, indigo-blue	one thousand yards	23.20	57.68	19.12
The establishment,		27.06	67.08	5.86
Cloth, woollen	one yard	26.70	73.30	–
The establishment,		25.78	70.03	4.19
Cloth, woollen	one yard	31.40	55.62	12.98
The establishment,		29.44	60.60	9.96
Cloth, woollen	one hundred yards	14.89	43.75	41.36
The establishment,		25.01	71.90	3.09
Dress goods,	one yard	28.13	56.25	15.62
The establishment,		14.57	84.45	0.98

WOOLLEN GOODS — Continued.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for — Wages	Raw Materials	Expenses (not specified)
Dress goods,	one yard	16.36	32.73	50.91
The establishment,		22.03	73.00	4.97
Flannel,	one yard	30.30	60.61	9.09
The establishment,		32.87	62.47	4.66
Flannel,	one yard	26.67	53.33	20.00
The establishment,		14.26	23.70	62.04
Flannel,	one yard	23.08	76.92	–
The establishment,		21.25	73.30	5.45
Flannel,	one hundred yards	17.48	79.67	2.85
The establishment,		19.49	74.84	5.67
Flannel,	one hundred pounds	22.33	67.96	9.71
The establishment,		17.77	69.44	12.79
Flannel, white	one yard	23.35	72.37	4.28
The establishment,		22.66	68.32	9.02
Flannel, wool	one hundred yards	38.89	61.11	–
The establishment,		23.40	75.76	0.84
Linings, felt	one yard	19.23	80.77	–
The establishment,		35.77	57.80	6.43
Sacking, ladies'	one yard	35.94	43.75	20.31
The establishment,		19.49	77.21	3.30
Satinet,	one yard	41.18	58.82	–
The establishment,		37.55	52.64	9.81
Satinet,	one yard	26.47	61.77	11.76
The establishment,		28.25	63.74	8.01
Satinet,	one hundred yards	25.00	66.67	8.33
The establishment,		28.13	58.10	13.77
Satinet,	one hundred yards	23.53	58.82	17.65
The establishment,		39.22	56.02	4.76
Satinet,	one hundred yards	41.20	42.00	16.80
The establishment,		42.84	52.47	4.69
Satinet,	one hundred yards	25.00	60.00	15.00
The establishment,		19.29	76.46	4.25
Satinet,	one hundred yards	30.77	61.54	7.69
The establishment,		27.42	55.43	17.15
Satinet,	one thousand yards	27.78	66.67	5.55
The establishment,		20.94	77.95	1.11
Satinet,	one thousand yards	28.57	57.14	14.29
The establishment,		33.97	52.11	13.92
Satinet,	three hundred and fifty thousand yards	35.35	54.36	10.29
The establishment,		35.35	54.36	10.29
Satinet,	one thousand yards	30.13	51.28	18.59
The establishment,		34.16	53.76	12.08
Satinet,	fifty-five hundred yards	32.47	43.64	23.89
The establishment,		27.85	60.62	11.53
Satinet,	ten thousand yards	25.00	62.50	12.50
The establishment,		27.52	62.98	9.50
Satinet,	one million, one hundred and sixty-five thousand, two hundred and sixty-eight yards	18.50	63.68	17.82
The establishment,		20.55	77.35	2.10
Satinet and flannel,	four hundred and seventy-seven thousand, five hundred yards	19.51	76.65	3.84
The establishment,		20.08	78.88	1.04
Shoddy,	three hundred thousand pounds	14.28	69.05	16.67
The establishment,		14.50	80.71	4.79
Shoddy, wool	one pound	11.11	88.89	–
The establishment,		9.69	81.01	9.30

WOOLLEN GOODS — Concluded.

Names of Articles, etc.	Quantities	Percentages of Total Cost of Production Paid for—		
		Wages	Raw Materials	Expenses (not specified)
Tricot,	one hundred yards	26.92	61.54	11.54
The establishment,		26.95	63.76	9.29
Woollen goods,	ninety-four thousand yards	23.95	61.94	14.11
The establishment,		23.57	67.77	8.66
Yarn,	one pound	24.00	52.00	24.00
The establishment,		19.03	76.88	4.09
Yarn, carpet	one hundred pounds	18.01	81.99	-
The establishment,		12.50	79.99	7.51
Yarn, hosiery	one hundred pounds	19.08	80.92	-
The establishment,		18.09	79.96	1.95
Yarn, woollen	two hundred pounds	14.29	85.71	-
The establishment,		16.90	79.79	3.31
Yarn, worsted	one hundred pounds	20.53	79.47	-
The establishment,		16.43	82.58	0.99

WORSTED GOODS.

Braid, skirt	one thousand dozen	41.67	58.33	-
The establishment,		23.24	66.24	10.52
Cloth, worsted	one yard	30.00	70.00	-
The establishment,		6.56	92.85	0.59
Dress goods, worsted	one piece of fifty-five yards	20.71	43.75	35.54
The establishment,		30.25	58.61	11.14
Noils, camel's-hair	one hundred pounds	18.18	68.18	13.64
The establishment,		7.12	90.57	2.31
Suitings, worsted	one yard	31.11	68.89	-
The establishment,		22.67	66.73	10.60
Yarn,	one pound	33.33	66.67	-
The establishment,		28.30	67.55	4.15
Yarn, worsted	one pound	15.38	53.85	30.77
The establishment,		23.13	70.75	6.12
Yarn, worsted	one hundred pounds	25.51	74.49	-
The establishment,		15.53	83.65	0.82

Analysis.

The information contained in the foregoing tables is useful in two ways. First, it is valuable in its detail. It relates to 1,615 different examples of articles produced in the classified industries of the Commonwealth, with the cost of the labor directly involved in production separated from the other elements of cost, and this information is presented in such form as to be available in any discussion relative to the particular articles selected. In many cases several instances of the same article appear, derived from different establishments, so that comparisons may be made.

If we take an article selected at random, for instance "Print Cloth," presented upon page 28, we find that, in a case in-

volving 10,000 pounds, the wage cost amounted to 31.16 per cent of the total cost of production, the remaining percentage being charged to raw materials. Upon page 29 other instances of the same article are given, the wage cost varying from 20 per cent of the total cost of production, in one instance, upon the basis of a single yard, to 39.89 per cent, in another instance, based upon 1,000 pounds. If we desire to arrive at a percentage of wage cost of the total cost of production in the establishments making this article, we find, from the same table, the percentage varying from 21.45 per cent to 63.17 per cent. If we take "Balmoral Boots (button, calf, men's)," presented upon page 7, we find that the percentage of labor cost of total cost is 25, and the percentages of cost of raw materials and of expenses not specified, 69.90 and 5.10 respectively. These percentages do not indicate conditions materially different from those prevailing in the establishment, in which the cost of wages was 27.10 per cent, the cost of raw materials 68.61 per cent, and the cost of expenses not specified 4.29 per cent of the total cost of production. Upon page 8 three instances of "Button Boots (kid, children's)" are given, the range as to labor cost being from 33.23 per cent to 42.04 per cent of the total cost of production, and the cost of raw materials ranging from 52.78 per cent to 66.77 per cent of the total cost of production. In the establishments, the range of wage cost was from 29.26 per cent to 46.06 per cent, and for raw materials, from 50.90 per cent to 69.76 per cent of the total cost of production. It is not necessary to enter upon an analysis of the various instances presented in detail, as the manner in which the tables may be used is sufficiently pointed out in the examples cited.

Wherever it was possible to fix the quality of the article definitely it has been done; but in many cases absolute definiteness was impracticable. In all cases, however, the facts are given in detail rather than by consolidations or averages. An example in point occurs upon pages 12 and 13, where are presented 35 instances of "Shoes," in which the particular kind or quality is not specified. In these the range of labor cost varies from 15.15 per cent of the total cost of production, in a single instance, based upon 600 cases, to 62.93 per cent, also in a single instance, based upon 200 cases. While

the range between the extremes is wide, a large number of instances show no such variation, but fall between 30.43 per cent and 40.35 per cent. The statistics, when thus presented in detail, indicate the range of labor cost involved in the production of shoes of, possibly, different qualities, and aptly illustrate a point emphasized in other reports of this Bureau, namely, the futility of relying upon averages based upon a wide range of units, unless the range also is carefully considered. They show, too, that no single percentage can be determined, which shall fully represent the labor cost involved in the production of shoes in general, or of any other product in which wide variations of quality appear.

In other cases presented in the tables, however, the quality is more definitely fixed, and the quantity from which the data are derived is so large as to render the results exceedingly valuable. Such a case appears on page 30, the article being "Cotton Sheeting." In this example 5,861,296 pounds afford a basis upon which the labor cost is computed to be 18.89 per cent of the total cost of production. The percentage of cost of raw material is 61.89, and the percentage charged to expenses not specified, 19.22. Again, on page 52, the article being "Cotton Warp Shaker Flannel," 100,000 yards enter into a computation in which the labor cost is found to be 19.35 per cent, the cost of raw material 18.97 per cent, and the cost of expenses not specified 61.68 per cent of the total cost of production.

Even when the quality is not specified and presumably varies, the numerous instances and large quantities entering into the computations render the results significant. As an example, take the article "Satinet," classified under the head of Woollen Goods, on page 65. Fourteen instances are given. In one the production of 350,000 yards is used as the basis, the labor cost being 35.35 per cent, and the cost of raw materials 54.36 per cent of the total cost of production. In another instance the product of 1,165,268 yards shows the labor cost to be 18.50 per cent of the total cost of production. One grade of goods was, no doubt, better than the other, yet the facts brought out convey a clearer idea of the truth than would appear from an average based upon the two instances. The range of labor cost in the production of

"Satinet" is shown to be from 18.50 per cent of the total cost of production, in the case just cited, to 41.18 per cent, in a single instance, in which the computation is reduced to the basis of a single yard. Although these percentages, like those relating to the production of shoes, previously referred to, indicate a wide variation in labor cost, it will be found that, in most of the instances, the wage cost does not fall below 25 per cent, nor rise above 33.33 per cent, of the total cost of production.

In a number of cases, particularly in the boot and shoe and clothing industries, the percentage of wage cost prevailing in the establishment is seen to be very low as compared with other establishments in the same industry. One such instance appears upon page 10, the percentage of wage cost for the establishment being 3.65. Again, upon page 12, in one instance the percentage of wage cost for the establishment is returned as 8.66. Three other instances appear upon page 25, the percentages of wage cost in different establishments being 6.42, 5.57, and 7.11, respectively.

These small percentages of wage cost result from the fact that a part of the industrial process involved in the product of such establishments is performed outside, either by contractors, as in the clothing industry, or in stitching shops, as in Boots and Shoes, the wage cost not appearing upon the rolls of the establishments. In fact it may be said, that the raw material in such cases, or, more strictly, the stock used, has been enhanced in cost by being advanced in manufacture before it enters into production in the particular establishment turning out the completed article, and therefore the wage cost within the establishment is reduced in proportion as the cost of raw material or stock used is increased. Without this explanation the percentage of wage cost in these instances would seem abnormally small.

The following table presents, for each industry, the number of establishments included in the investigation, the number in which the wage cost for the selected article presented in the tables was higher than the percentage of wage cost in the establishment as a whole, and, also, the number of establishments in which the percentage of wage cost in the establishment was higher than the percentage of wage cost of the selected article.

Comparative Wage Cost for Articles and Establishments: By Industries.

Industries.	Total Number of Establishments Reporting the Relation of Wages to the Cost of Production	Respective Number of Establishments in which the Percentage of Wage Cost of the Total Cost of Production was *Highest*—		Remarks
		For the Article	In the Establishment	
Agricultural implements,	5	1	4	
Arms and ammunition,	6	4	2	
Artificial teeth and dental work,	3	1	–	Two establishments, wage cost not given.
Artisans' tools,	26	13	13	
Boots and shoes,	287	177	107	Two establishments, wage cost not given. One establishment, wage cost for article and establishment the same.
Boxes (paper and wooden),	49	19	29	One establishment, wage cost for article and establishment the same.
Brick, tiles, and sewer pipe,	33	17	12	Four establishments, wage cost for article and establishment the same.
Brooms, brushes, and mops,	15	7	8	
Building,	38	20	18	
Burial cases, caskets, coffins, etc.,	4	1	3	
Buttons and dress trimmings,	7	4	3	
Carpetings,	10	7	3	
Carriages and wagons,	41	15	25	One establishment, wage cost not given.
Cement, kaolin, lime, and plaster,	6	3	2	One establishment, wage cost for article and establishment the same.
Chemical preparations (compounded),	1	–	1	
Clocks and watches,	1	–	1	
Clothing,	62	37	25	
Concrete walks, paving, etc.,	2	–	2	
Cooking, lighting, and heating apparatus,	16	8	7	One establishment, wage cost for article and establishment the same.
Cordage and twine,	11	4	7	
Cotton goods,	78	35	43	
Cotton, woollen, and other textiles,	1	–	1	
Crayons, pencils, crucibles, etc.,	2	1	1	
Drugs and medicines,	12	2	4	Five establishments, wage cost not given. One establishment, wage cost for article and establishment the same.
Dyestuffs,	2	–	2	
Earthen, plaster, and stone ware,	5	3	2	
Electrical apparatus and appliances,	2	1	1	
Electroplating,	1	1	–	
Emery and sand paper and cloth, etc.,	4	3	1	
Fancy articles,	1	–	1	

Comparative Wage Cost for Articles and Establishments: By Industries — Continued.

Industries.	Total Number of Establishments Reporting the Relation of Wages to the Cost of Production	Respective Number of Establishments in which the Percentage of Wage Cost of the Total Cost of Production was *Highest*—		Remarks
		For the Article	In the Establishment	
Fertilizers,	4	3	1	
Flax, hemp, and jute goods,	3	2	1	
Food preparations,	74	29	39	Three establishments, wage cost not given. Three establishments, wage cost for article and establishment the same.
Furniture,	53	20	32	One establishment, wage cost for article and establishment the same.
Glass,	1	–	1	
Glue, isinglass, and starch,	7	2	3	Two establishments, wage cost for article and establishment the same.
Hair work (animal and human),	2	1	1	
Hosiery and knit goods,	15	9	6	
Ink, mucilage, and paste,	1	–	1	
Ivory, bone, shell, and horn goods, etc.,	9	6	3	
Leather,	65	47	17	One establishment, wage cost not given.
Linen,	1	1	–	
Liquors and beverages (not spirituous),	11	4	7	
Liquors: malt, distilled, and fermented,	21	9	11	One establishment, wage cost for article and establishment the same.
Lumber,	34	13	19	Two establishments, wage cost for article and establishment the same.
Machines and machinery,	85	38	46	One establishment, wage cost for article and establishment the same.
Metals and metallic goods,	137	57	77	One establishment, wage cost not given. Two establishments, wage cost for article and establishment the same.
Mixed textiles,	5	3	2	
Models and patterns,	1	–	1	
Musical instruments and materials,	17	13	4	
Oils and illuminating fluids,	1	1	–	
Paints, colors, and crude chemicals,	4	2	2	
Paper and paper goods,	58	29	29	
Perfumes, toilet articles, etc.,	1	–	1	
Photographs and photographic materials,	4	2	2	
Polishes and dressing,	6	4	2	
Printing, publishing, and bookbinding,	1	1	–	
Railroad construction,	1	1	–	

Comparative Wage Cost for Articles and Establishments: By Industries — Concluded.

Industries.	Total Number of Establishments Reporting the Relation of Wages to the Cost of Production	Respective Number of Establishments in which the Percentage of Wage Cost of the Total Cost of Production was *Highest* —		Remarks
		For the Article	In the Establishment	
Rubber and elastic goods,	6	4	2	
Salt,	1	1	–	
Scientific instruments and appliances,	5	2	2	One establishment, wage cost not given.
Silk and silk goods,	3	–	3	
Sporting and athletic goods,	4	1	3	
Stone,	25	9	16	
Straw and palm leaf goods,	5	5	–	
Tallow, candles, soap, and grease,	11	3	8	
Tobacco, snuff, and cigars,	58	18	36	Two establishments, wage cost not given. Two establishments, wage cost for article and establishment the same.
Toys and games (children's),	4	1	3	
Trunks and valises,	2	–	2	
Whips, lashes, and stocks,	8	6	1	One establishment, wage cost not given.
Wooden goods,	53	21	26	Three establishments, wage cost not given. Three establishments, wage cost for article and establishment the same.
Woollen goods,	69	38	30	One establishment, wage cost for article and establishment the same.
Worsted goods,	8	6	2	
All Industries,	1,615	796	770	

This table enables the reader to determine at a glance the relation which the wage cost of the selected articles in each industry bears to the total wage cost of the establishments in which they were produced; or, in other words, to judge how far the articles selected represent the conditions prevailing in the establishments. For instance, in Agricultural Implements five establishments are considered, and in one of them the percentage of wage cost of total cost of production of the selected article ranges higher than the percentage of wage cost of the total cost of production in the establishment as a whole. On the other hand, in four establishments the percentages of wage cost of the total cost of production range higher than the per-

centages of wage cost of the particular article selected. In Cotton Goods 78 instances appear. Of these, 35 show the percentages of wage cost of the articles to be above the percentages ruling in the establishments. The other 43 comprise cases in which the percentage of wage cost in the establishment is greater than that for the selected article. In Artisans' Tools 26 cases are presented. In 13 of these the percentages of wage cost of the selected article range higher than the percentages of wage cost in the establishment, and in the other 13 the reverse is true. In this industry, therefore, and in some others, it is seen that no selection has been made of instances in which the percentages of wage cost of the articles all range either above or below the standard of wage cost prevailing in the establishments, the instances of the one kind exactly balancing those of the other. This uniformity is not maintained in every industry, but, on the whole, the balance is fairly preserved. In a few cases the percentages of wage cost for the selected article and in the establishment are identical; in others the percentage of wage cost for the establishment is not given. There are 49 such instances out of the grand total of 1,615 examples presented in All Industries. Of the others, 796 comprise articles having a higher percentage of wage cost than that prevailing in the establishment, and 770 show the percentage of wage cost in the establishment to be higher than that of the selected article. It is not necessary to follow the different industries in detail, as the points brought out are sufficiently apparent.

Secondly, the information contained in the tables is of value in determining, for each classified industry, a percentage which shall fairly represent the proportion of wage cost of total cost of production, not merely for the specified articles but for the industry as a whole. Of course such a percentage is necessarily an average. Its accuracy will be in proportion to the number of instances upon which it is based, and to the completeness with which it covers the total production in each industry.

Before proceeding to analyze the results of the tables in this direction, it is therefore proper to inquire how far the data contained in them may be accepted as representative.

The total amount of wages paid in the production of the

articles to which the tables relate was $3,030,557, and the total cost of the specified quantities of these articles was $11,614,359. The total wages paid in the establishments selected for consideration, in the Census year 1885, was $33,549,098. The establishments selected, therefore, represent, as to wages paid, 22.76 per cent of the total amount of wages paid in all the manufacturing and mechanical industries in that year.

The following table presents, for each industry, the aggregate product in the Census year, and the aggregate product in the establishments included in this investigation, with percentages.

Percentages of Product Represented by Establishments Reporting Cost of Production: By Industries.

Industries.	Value of Product in—		Percentages of Product Represented by Establishments Reporting Cost of Production
	All Establishments	Establishments Reporting Cost of Production	
Agricultural implements,	$1,324,597	$230,076	17.37
Arms and ammunition,	2,058,879	330,663	16.06
Artificial teeth and dental work,	651,857	4,150	0.64
Artisans' tools,	2,509,107	1,182,503	47.13
Awnings, tents, and decorations,	108,579	-	-
Boots and shoes,	114,729,533	35,137,219	30.63
Boxes (paper and wooden),	4,332,505	1,079,894	24.93
Brick, tiles, and sewer pipe,	1,541,879	375,279	24.34
Brooms, brushes, and mops,	1,365,373	131,641	9.64
Building,	39,801,245	913,586	2.30
Burial cases, caskets, coffins, etc.,	770,333	54,145	7.03
Buttons and dress trimmings,	1,016,153	349,913	34.44
Carpetings,	6,536,341	3,776,373	57.78
Carriages and wagons,	7,277,933	802,691	11.03
Cement, kaolin, lime, and plaster,	239,875	110,695	46.15
Charcoal and kindlers,	11,480	-	-
Chemical preparations (compounded),	1,165,134	4,000	0.34
Clocks and watches,	3,325,199	39,600	1.19
Clothing,	32,659,837	4,201,758	12.87
Concrete walks, paving, etc.,	150,798	7,390	4.90
Cooking, lighting, and heating apparatus,	3,131,582	985,251	31.46
Cordage and twine,	5,077,261	2,112,590	41.61
Corks, bungs, and taps,	144,000	-	-
Cotton goods,	61,425,097	29,997,242	48.84
Cotton, woollen, and other textiles,	2,394,583	792,848	33.11
Crayons, pencils, crucibles, etc.,	104,490	15,480	14.81
Drugs and medicines,	4,722,838	52,912	1.12
Dyestuffs,	789,973	120,370	15.24
Earthen, plaster, and stone ware,	433,213	149,240	34.45
Electrical apparatus and appliances,	1,397,737	188,649	13.50

Percentages of Product Represented by Establishments Reporting Cost of Production: By Industries—Continued.

Industries.	Value of Product in— All Establishments	Value of Product in— Establishments Reporting Cost of Production	Percentages of Product Represented by Establishments Reporting Cost of Production
Electroplating,	$214,507	$5,000	2.33
Emery and sand paper and cloth, etc.,	566,101	185,436	32.76
Fancy articles,	81,981	36,000	43.91
Fertilizers,	2,778,987	980,675	35.29
Fine arts and taxidermy,	42,124	-	-
Fireworks and matches,	91,210	-	-
Flax, hemp, and jute goods,	1,493,623	384,665	25.75
Food preparations,	80,488,329	2,776,378	3.45
Furniture,	12,716,908	1,815,729	14.28
Gas and residual products,	4,573,962	-	-
Glass,	1,091,949	10,091	0.92
Glue, isinglass, and starch,	1,306,331	463,978	35.52
Hair work (animal and human),	442,063	294,450	66.61
Hose: rubber, linen, etc.,	790,480	-	-
Hosiery and knit goods,	4,196,522	2,915,072	69.46
Ink, mucilage, and paste,	131,626	19,512	14.82
Ivory, bone, shell, and horn goods. etc.,	1,628,413	1,042,064	63.99
Jewelry burnishing and lapidary work,	47,500	-	-
Leather,	28,008,851	5,055,418	18.05
Linen,	1,068,489	306,389	28.67
Liquors and beverages (not spirituous),	641,216	97,698	15.24
Liquors: malt, distilled, and fermented,	7,881,240	963,765	12.23
Lumber,	3,627,345	269,243	7.42
Machines and machinery,	20,365,970	3,696,128	18.15
Metals and metallic goods,	41,332,005	6,981,798	16.89
Mixed textiles,	1,323,861	653,528	49.37
Models and patterns,	258,242	10,000	3.87
Musical instruments and materials,	6,145,008	1,326,049	21.58
Oils and illuminating fluids,	2,294,931	100,000	4.36
Paints, colors, and crude chemicals,	763,034	211,747	27.75
Paper and paper goods,	21,223,626	11,033,635	51.99
Perfumes, toilet articles, etc.,	409,801	5,289	1.29
Photographs and photographic materials,	936,165	93,023	9.94
Polishes and dressing,	1,788,412	250,730	14.02
Printing, publishing, and bookbinding,	16,552,475	88,030	0.53
Print works, dye works, and bleacheries,	15,880,843	-	-
Railroad construction,	2,158,224	30,000	1.39
Rubber and elastic goods,	12,638,741	2,995,786	23.70
Salt,	46,890	1,430	3.05
Scientific instruments and appliances,	1,227,683	75,677	6.16
Shipbuilding,	2,107,986	-	-
Silk and silk goods,	3,501,240	500,627	14.30
Sporting and athletic goods,	1,079,966	59,350	5.50
Stone,	5,508,569	729,487	13.24
Straw and palm leaf goods,	6,265,287	566,967	9.05
Tallow, candles, soap, and grease,	3,474,890	727,493	20.94
Tobacco, snuff, and cigars,	2,813,084	1,119,803	39.81

Percentages of Product Represented by Establishments Reporting Cost of Production: By Industries — Concluded.

Industries.	Value of Product in — All Establishments	Value of Product in — Establishments Reporting Cost of Production	Percentages of Product Represented by Establishments Reporting Cost of Production
Toys and games (children's),	$316,895	$184,207	58.13
Trunks and valises,	346,720	86,288	24.89
Whips, lashes, and stocks,	1,052,401	119,175	11.32
Wooden goods,	4,767,726	1,032,018	21.65
Woollen goods,	31,748,278	12,318,433	38.80
Worsted goods,	11,198,148	2,068,094	18.47
All Industries,	$674,634,269	$147,832,513	21.91

The aggregates for All Industries given in this table show that, while the value of product in all the establishments engaged in manufacturing and mechanical industries in 1885 was $674,634,269, the value of product in the establishments for which the percentages of wage cost are presented in this report was $147,832,513, or 21.91 per cent of the total value of product returned in the Census year. This percentage of aggregate product, covered for all industries, is, for many of the industries individually, far too low. In Boots and Shoes the wage cost is given for a product amounting to 30.63 per cent of that shown in the Census. In Carpetings, 57.78 per cent; in Cotton Goods, 48.84 per cent; in Cotton, Woollen, and Other Textiles, 33.11 per cent; in Hosiery and Knit Goods, 69.46 per cent; in Mixed Textiles, 49.37 per cent; in Paper and Paper Goods, 51.99 per cent; and in Woollen Goods, 38.80 per cent of the total product indicated by the Census returns is covered. For these eight industries, which turned out 36.11 per cent of the total value of goods made in the Census year, the percentage of wage cost is given in the tables for an aggregate product amounting to 39.67 per cent of the total value of goods made in them, as shown by the Census. If to this group we add the following: Artisans' Tools, Buttons and Dress Trimmings, Cooking, Lighting, and Heating Apparatus, Cordage and Twine, Earthen, Plaster, and Stone Ware, Emery and Sand Paper and Cloth, etc., Fancy Articles, Glue, Isinglass, and Starch, Hair Work (Animal and Human), Ivory, Bone, Shell, and Horn Goods, etc., Tobacco, Snuff, and Cigars,

and Toys and Games (Children's), in each of which the returns are practically as complete as in the industries first named, we shall find that, in the 20 industries, which turned out 38.97 per cent of the total value of goods made in the Census year, the percentage of wage cost is given for an aggregate product amounting to two-fifths of that shown in the same industries in the Census.

In each of 22 industries the amount of product for which the percentage of wage cost is given is less than 10 per cent of the total product shown in the industry. While such returns are comparatively meagre, these industries combined had an aggregate product of but 24.99 per cent of the total value of goods made in all industries in the Census year. In this group are included several which may be classed as mechanical rather than manufacturing industries, such as Artificial Teeth and Dental Work, Building, Concrete Walks, Paving, etc., Lumber, Photographs and Photographic Materials, and Printing, Publishing, and Bookbinding. Nearly one-half of the total product derived from the 22 industries was turned out in Food Preparations, which includes butchering, meat packing, etc.

The returns, therefore, may be considered representative, and particularly so in the larger and more important industries.

The following table presents, for each industry, the total wage cost of production, the total cost of production, and the percentage of wage cost of total cost.

Percentages of Wage Cost of Total Cost of Production: By Industries.

Industries.	Total Cost of Production	Wage Cost of Production	Percentages of Wage Cost of Total Cost of Production
Agricultural implements,	$208,436	$79,324	38.06
Arms and ammunition,	280,880	82,877	29.51
Artificial teeth and dental work,	2,010	520	*25.87
Artisans' tools,	881,946	430,975	48.87
Boots and shoes,	30,307,288	7,536,597	*24.87
Boxes (paper and wooden),	892,008	291,241	32.65
Brick, tiles, and sewer pipe,	293,451	166,414	56.71
Brooms, brushes, and mops,	118,983	39,655	33.33
Building,	715,647	241,567	33.76
Burial cases, caskets, coffins, etc.,	41,788	16,700	39.96
Buttons and dress trimmings,	297,678	81,318	27.32
Carpetings,	3,281,430	694,983	21.18

* Two establishments omitted.

Percentages of Wage Cost of Total Cost of Production: By Industries — Continued.

Industries.	Total Cost of Production	Wage Cost of Production	Percentages of Wage Cost of Total Cost of Production
Carriages and wagons,	$640,706	$294,174	†45.91
Cement, kaolin, lime, and plaster,	94,469	29,951	31.70
Chemical preparations (compounded),	3,259	302	9.27
Clocks and watches,	41,848	32,247	77.06
Clothing,	3,533,706	811,548	22.97
Concrete walks, paving, etc.,	6,375	4,540	71.22
Cooking, lighting, and heating apparatus,	730,496	374,291	51.24
Cordage and twine,	1,823,406	254,703	13.97
Cotton goods,	28,302,811	8,582,928	30.33
Cotton, woollen, and other textiles,	732,052	238,925	32.64
Crayons, pencils, crucibles, etc.,	10,966	6,000	54.71
Drugs and medicines,	24,833	5,697	‖22.94
Dyestuffs,	72,505	14,937	20.60
Earthen, plaster, and stone ware,	97,620	64,513	66.09
Electrical apparatus and appliances,	132,682	60,509	45.60
Electroplating,	2,909	800	27.50
Emery and sand paper and cloth, etc.,	132,283	35,322	26.70
Fancy articles,	18,535	10,500	56.65
Fertilizers,	687,358	58,900	8.57
Flax, hemp, and jute goods,	289,607	64,124	22.14
Food preparations,	2,339,957	291,085	‡12.44
Furniture,	1,529,074	566,236	37.03
Glass,	7,437	4,593	61.76
Glue, isinglass, and starch,	430,507	64,461	14.97
Hair work (animal and human),	283,248	34,535	12.19
Hosiery and knit goods,	2,430,781	769,429	31.65
Ink, mucilage, and paste,	14,834	3,644	24.57
Ivory, bone, shell, and horn goods, etc.,	665,267	147,609	22.19
Leather,	4,675,586	672,117	†14.38
Linen,	304,824	99,700	32.71
Liquors and beverages (not spirituous),	60,135	21,492	35.74
Liquors: malt, distilled, and fermented,	654,656	88,133	13.46
Lumber,	220,960	55,185	24.98
Machines and machinery,	2,754,123	1,285,690	46.68
Metals and metallic goods,	5,503,500	1,977,586	†35.93
Mixed textiles,	646,764	101,986	15.77
Models and patterns,	3,141	1,932	61.51
Musical instruments and materials,	972,944	389,927	40.08
Oils and illuminating fluids,	97,351	5,760	5.92
Paints, colors, and crude chemicals,	163,741	27,180	16.60
Paper and paper goods,	9,487,326	1,740,401	18.34
Perfumes, toilet articles, etc.,	3,343	915	27.37
Photographs and photographic materials,	63,060	25,851	40.99
Polishes and dressing,	197,048	21,869	11.10
Printing, publishing, and bookbinding,	66,827	26,030	38.95
Railroad construction,	20,071	10,000	49.82
Rubber and elastic goods,	2,197,152	554,251	25.23
Salt,	628	328	52.23

† One establishment omitted. ‖ Five establishments omitted. ‡ Three establishments omitted.

Percentages of Wage Cost of Total Cost of Production: By Industries — Concluded.

Industries.	Total Cost of Production	Wage Cost of Production	Percentages of Wage Cost of Total Cost of Production
Scientific instruments and appliances,	$51,178	$23,851	†46.60
Silk and silk goods,	478,186	145,611	30.45
Sporting and athletic goods,	32,772	13,065	39.87
Stone,	501,949	283,441	56.47
Straw and palm leaf goods,	482,138	108,802	22.57
Tallow, candles, soap, and grease,	674,786	60,749	9.00
Tobacco, snuff, and cigars,	980,431	339,814	*34.66
Toys and games (children's),	154,294	79,837	51.74
Trunks and valises,	69,480	15,056	21.67
Whips, lashes, and stocks,	99,614	23,083	†23.17
Wooden goods,	759,419	259,506	‡34.17
Woollen goods,	0,157,270	2,229,314	21.95
Worsted goods,	1,768,208	371,962	21.04
All Industries,	$126,703,981	$33,549,098	26.48

† One establishment omitted. * Two establishments omitted. ‡ Three establishments omitted.

Analyzing the preceding table, we find the higher percentages of wage cost of total cost of production in the following classified industries, the percentage, in each case, being above 50. Brick, Tiles, and Sewer Pipe, 56.71 per cent; Clocks and Watches, 77.06 per cent; Concrete Walks, Paving, etc., 71.22 per cent; Cooking, Lighting, and Heating Apparatus, 51.24 per cent; Crayons, Pencils, Crucibles, etc., 54.71 per cent; Earthen, Plaster, and Stone Ware, 66.09 per cent; Fancy Articles, 56.65 per cent; Glass, 61.76 per cent; Models and Patterns, 61.51 per cent; Salt, 52.23 per cent; Stone, 56.47 per cent; and Toys and Games (Children's), 51.74 per cent. These industries are principally those in which the stock used, or, in other words, the raw material, is a crude substance of relatively low cost, such as clay, certain kinds of earth, sand, rough stone, etc., or they are industries in which a high degree of skill is required, as in Clocks and Watches.

The lower percentages of wage cost are found in the following industries, the percentage, in each case, being below 20. Chemical Preparations (Compounded), 9.27 per cent; Cordage and Twine, 13.97 per cent; Fertilizers, 8.57 per cent; Food Preparations, 12.44 per cent; Glue, Isinglass, and Starch, 14.97 per cent; Hair Work (Animal and Human),

12.19 per cent; Leather, 14.38 per cent; Liquors: Malt, Distilled, and Fermented, 13.46 per cent; Mixed Textiles, 15.77 per cent; Oils and Illuminating Fluids, 5.92 per cent; Paints, Colors, and Crude Chemicals, 16.60 per cent; Paper and Paper Goods, 18.34 per cent; Polishes and Dressing, 11.10 per cent; and Tallow, Candles, Soap, and Grease, 9 per cent. These are industries in which, as a rule, the raw material or stock used is itself a manufactured article involving labor in its production, the value of such labor not appearing directly in the particular industry specified, such as Chemical Preparations (Compounded), Hair Work (Animal and Human), Leather, and Food Preparations, or they are industries in which only a small amount of labor is involved, such as Fertilizers, and Glue, Isinglass, and Starch.

In the following industries the proportion of wage cost of total cost of production ranges above 33.33 per cent but below 50 per cent, or, in other words, in these industries more than one-third but less than one-half of the total cost of production is due to the cost of labor: Agricultural Implements, 38.06 per cent; Artisans' Tools, 48.87 per cent; Building, 33.76 per cent; Burial Cases, Caskets, Coffins, etc., 39.96 per cent; Carriages and Wagons, 45.91 per cent; Electrical Apparatus and Appliances, 45.60 per cent; Furniture, 37.03 per cent; Machines and Machinery, 46.68 per cent; Metals and Metallic Goods, 35.93 per cent; Liquors and Beverages (Not Spirituous), 35.74 per cent; Musical Instruments and Materials, 40.08 per cent; Photographs and Photographic Materials, 40.99 per cent; Printing, Publishing, and Bookbinding, 38.95 per cent; Railroad Construction, 49.82 per cent; Scientific Instruments and Appliances, 46.60 per cent; Sporting and Athletic Goods, 39.87 per cent; Tobacco, Snuff, and Cigars, 34.66 per cent; Wooden Goods, 34.17 per cent. These are chiefly industries in which considerable technical skill is expended upon materials or articles of stock which have been previously subjected to industrial processes.

In the following industries the percentage of wage cost is above 20 but does not exceed 33.33; that is, at least one-fifth but not more than one-third of the cost of production is due to the cost of labor: Arms and Ammunition, 29.51 per cent; Artificial Teeth and Dental Work, 25.87 per cent; Boots and

Shoes, 24.87 per cent; Brooms, Brushes, and Mops, 33.33 per cent; Boxes (Paper and Wooden), 32.65 per cent; Buttons and Dress Trimmings, 27.32 per cent; Carpetings, 21.18 per cent; Cement, Kaolin, Lime, and Plaster, 31.70 per cent; Clothing, 22.97 per cent; Cotton Goods, 30.33 per cent; Cotton, Woollen, and Other Textiles, 32.64 per cent; Drugs and Medicines, 22.94 per cent; Dyestuffs, 20.60 per cent; Electroplating, 27.50 per cent; Emery and Sand Paper and Cloth, etc., 26.70 per cent; Flax, Hemp, and Jute Goods, 22.14 per cent; Hosiery and Knit Goods, 31.65 per cent; Ink, Mucilage, and Paste, 24.57 per cent; Ivory, Bone, Shell, and Horn Goods, etc., 22.19 per cent; Linen, 32.71 per cent; Lumber, 24.98 per cent; Perfumes, Toilet Articles, etc., 27.37 per cent; Rubber and Elastic Goods, 25.23 per cent; Silk and Silk Goods, 30.45 per cent; Straw and Palm Leaf Goods, 22.57 per cent; Trunks and Valises, 21.67 per cent; Whips, Lashes, and Stocks, 23.17 per cent; Woollen Goods, 21.95 per cent; and Worsted Goods, 21.04 per cent. These include most of the great factory industries of the Commonwealth.

While these presentations are to be considered typical of the industries, as classified, it should be remembered that, for many of the articles included within each industry, the percentage of wage cost is considerably higher than the averages thus determined. For example, taking such an industry as Leather, in which the average percentage of wage cost runs as low as 14.38 per cent, if we turn to page 40 we shall find that the article "Kip Leather," represented by two instances, shows a wage cost ranging from 28.57 per cent to 30.51 per cent of the total cost of production. Again, the average percentage of wage cost in Cotton Goods is 30.33 per cent; but, upon page 28, certain cotton dress goods are presented, in the production of which the wage cost rises to 41.67 per cent of the total cost; and an example of "Gingham" appears, where the wage cost is 42.82 per cent of the total cost. So, too, in the paper and paper goods industry, the average percentage of wage cost for the industry is 18.34; but for certain grades of "Writing Paper," shown on page 55, the wage cost rises to 48.89 per cent of the total cost.

Instances of this sort might be multiplied indefinitely. Indeed, it would be easy to select certain standard articles in each industry from which might be derived an average percentage of wage cost considerably higher than that shown by this investigation. In every case, however, the range of percentages of wage cost prevailing in the establishments from which the industry averages are derived, and for certain selected articles made in these establishments, may be clearly seen from the tables. The industry average should be compared with this range, and the value of the presentation is enhanced by the fact that such a comparison is possible by means of data covering a comparatively wide field.

The following conclusions are summarized from the tables:

1. In industries in which the total value of goods made, as shown in the latest Decennial Census, was $15,991,687, or 2.37 per cent of the aggregate value of goods made in the manufacturing and mechanical industries of the Commonwealth, the average wage cost does not fall below 50 per cent, or one-half of the total cost of production, the range being from 51.24 per cent to 77.06 per cent. In these industries 14,819 males and 1,576 females were employed in the Census year 1885.

2. In industries in which the total value of goods made, as shown in the latest Decennial Census, was $158,016,950, or 23.42 per cent of the aggregate value of goods made in the manufacturing and mechanical industries of the Commonwealth, the average wage cost does not rise above 20 per cent, or one-fifth of the total cost of production, the range being from 5.92 per cent to 18.34 per cent. In these industries 29,441 males and 7,864 females were employed in the Census year 1885.

3. In industries in which the total value of goods made, as shown in the latest Decennial Census, was $163,817,382, or 24.28 per cent of the aggregate value of goods made in the manufacturing and mechanical industries of the Commonwealth, the proportion of average wage cost does not fall below 33.33 per cent nor rise above 50 per cent, or in other words, is more than one-third but less than one-half of the total cost of production. In these industries 98,631 males and 7,414 females were employed in the Census year 1885.

4. In industries in which the total value of goods made, as shown in the latest Decennial Census, was $313,010,086, or 46.40 per cent of the aggregate value of goods made in the manufacturing and mechanical industries of the Commonwealth, the proportion of average wage cost does not fall below 20 per cent nor rise above 33.33 per cent, or in other words, is more than one-fifth but less than one-third of the total cost of production. In these industries 112,297 males and 95,508 females were employed in the Census year 1885.

The above conclusions are presented in tabular form below.

Classification of Wage Cost.	Range		Product		Persons Employed		
	Highest	Lowest	Value	Percentage Represented	Males	Females	Total
More than one-half, . . .	77.06	51.24	$15,991,687	2.37	14,819	1,576	16,395
Less than one-fifth, . . .	18.34	5.92	158,016,950	23.42	29,441	7,864	37,305
Between one-third and one-half,	49.82	33.76	163,817,382	24.28	98,631	7,414	106,045
Between one-fifth and one-third,	33.33	20.60	313,010,086	46.40	112,297	95,508	207,805
Totals, ...	77.06	5.92	$650,836,105	96.47	255,188	112,362	367,550

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